



2021
ANNUAL
REPORT

**CENTRE FOR
ENVIRONMENTAL LAW**

FACULTY OF ARTS



MACQUARIE
University



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Appendix 1: List of 2021 Outputs

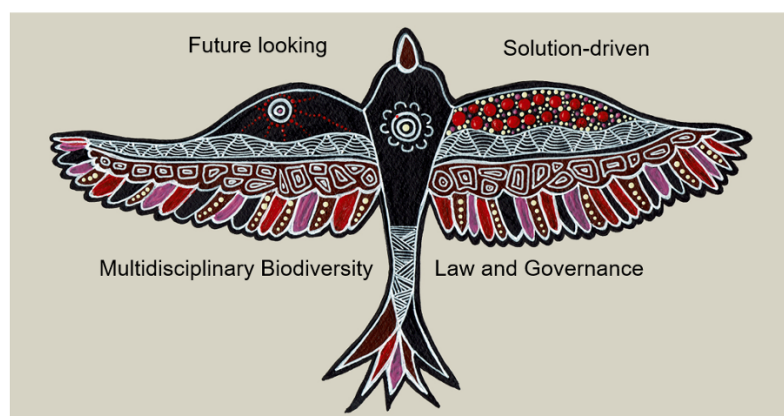
Appendix 2: 2021 Events Flyers

1. HIGHLIGHTS OF THE RESEARCH PROGRAM

Established in 1983, the Centre for Environmental Law (CEL), Macquarie University is Australia's oldest continually functioning environmental law centre. 2021 has been an extraordinary year in the history of CEL. Travel restrictions, border closures, lockdowns, university restructure and funding cuts are the new normal. Facing all these challenges and uncertainties, CEL has made significant progress towards its goal of developing a world-leading research centre with world-changing impact on biodiversity law and governance.

The **CEL mission** is to drive transformative change through futures focused interdisciplinary legal research that provides cutting edge solutions to the global challenges of biodiversity loss and extinction crisis. Building upon a deep philosophical foundation of reimagining human-nature relations, CEL aims to develop sound legal and policy tools to address unprecedented planetary-scale biodiversity loss.

Driving Transformative Change in the Anthropocene



Burrumering, Image: Lara Went (Yukul Art, yukulart.co) and Dylan Barnes

In 2021, Centre members have published a total of **27 refereed journal articles and book chapters** in high quality outlets, such as *Marine Policy*, *Journal of Environmental Law*, *Ocean and Coastal Management*, *Journal of Environmental Management*, *Ecology and Society*, *Nature Climate Change*. Dr Michelle Lim's paper "Extinction: hidden in plain sight- Can stories of 'the last' unearth environmental law's unspeakable truth?" published in the *Griffith Law Review* won **The Law and Society Association for Australasia and New Zealand (LSAANZ)'s 2021 Publication Prize**.



LSAANZ publication prizes Online Ceremony, 10 December 2021

Within a challenging funding landscape, the Centre has been highly successful in attracting external research income. For example, A/Prof Nengye Liu's project "The Rise of China and the Future Governance of the High Seas" (US\$24,000, 2021 – 2023) was one of four projects in the Asia-Pacific Region funded by **Chiang Ching-kuo Foundation for International Scholarly Exchange**. Furthermore, A/Prof Andrew McGregor kicked-off his \$4.5 million project "Next generation agricultural extension: social relations for practice change" this year, funded by **Australian Centre for International Agriculture Study**.

The Centre maintains a vibrant HDR community of 13 PhD/MRes students (with one completion). Three new PhD students, **Jiliang Chen**, **Miaomiao Yin** and **Asanka Edirisinghe** were awarded full scholarships and will commence their PhD projects at CEL from early 2022. Moreover, CEL is fortunate to run a **Student Volunteer Program** with a selected group of 10 high calibre Macquarie law students.

Based on the Centre’s strong expertise in the field of biodiversity law and governance, CEL has generated significant research impacts within and beyond academia. The Centre members virtually delivered more than 20 presentations in international and national conferences and webinars. On 6 – 8 July 2021, **CEL’s 2021 Flagship Conference “Global Dialogue on Biodiversity Law and Governance: Transformative Pathways to Living in Harmony with Nature”** attracted a total of **528 people from 30 countries** to participate in nine vibrant panel discussions.



Image: Robin Wood Foundation, Designer Surachai Puthikulangkura, and Agency Grabarz & Partner

The Centre's expertise is constantly sought and highly recognized by the media (e.g., ABC News) and industry partners. For example, CEL Director A/Prof Nengye Liu was named a finalist of **the Academic of the Year** by **The Lawyers Weekly's Australian Law Award 2021**. He also addressed the **European Parliament** ahead of the 2021 World Ocean Day on the protection of Antarctica.



Professor Shawkat Alam was invited by **Australian Department of Foreign Affairs and Trade (DFAT)** to discuss the nexus between climate change and trade law. Moreover, Dr Michelle Lim, the Centre's Lead for Research Strategy, was one of 50 international experts (and the only author from the legal discipline) selected to co-author the first ever collaboration between the Intergovernmental Panel on Climate Change (IPCC) and Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) – **The IPBES-IPCC Co-sponsored Report on Biodiversity and Climate Change**.



CEL hosted the Australian Briefing and Uptake Event of the IPBES-IPCC report. The event was well attended with almost 100 participants from across Australian governments, NGOs and academic institutions.

Further details of the Centre's future research direction and activities are provided below. Lists of research outputs, grants received, and event brochures are included in the Appendix

2. PROGRESS AGAINST OBJECTIVES AND KPIS

STRATEGIC AIM	INDICATORS	PLAN FOR 2021	STATUS AT 15.12.2021
<p>Strong research output, in terms of quality, quantity and impact</p>	<p>Have a publication rate of 12-15 A1/B1/C1 outputs per annum in ERA highly ranked journals and presses</p>	<p>Maintain publication rate across Centre Members. One special issue on biodiversity law and governance with a Q1 journal (e.g., Review of European, Comparative and International Environmental Law)</p>	<p>A collective total of 22 articles published or accepted and an additional 5 book chapters published. A special issue is being developed, to be published in 2022</p>
<p>To increase the Centre's reputation and recognition among national and international peers in the focused area of Environmental Law</p>	<p>Peer recognition indicators Centre members in chair positions of significant environmental organisations and journals.</p> <p>Host a flagship event – Australia-China-US Trilateral Dialogue on Biodiversity Law and Governance</p>	<p>Continue to build networks that lead to peer recognition indicators, including invitations to review papers, ARC projects, examine theses, and deliver lectures/presentations.</p> <p>CEL to hold its webinar/workshop series, including an annual lecture in late 2021. CEL to organise the Tri-lateral Dialogue in mid-2021.</p>	<p>The Law and Nature Dialogue Monthly Webinar Series ran between February and October.</p> <p>The Global Dialogue on Biodiversity Law and Governance, 6-8 July was a huge success</p> <p>CEL 2021 Annual Lecture with Elizabeth Mrema, Executive Secretary of the Secretariat of the Convention on Biological Diversity was successfully held on 17 November.</p> <p>Centre members virtually delivered more than 20 presentations in international and national conferences and seminars.</p> <p>Centre members were elected to serve key organizations, e.g., American Society of International Law and journals, e.g., Marine Policy</p>

STRATEGIC AIM	INDICATORS	PLAN FOR 2021	STATUS AT 15.12.2021
<p>To maintain a high standard of ongoing education for centre members through the provision of a teaching-research nexus</p>	<p>On time completions, research output from HDR candidates Student volunteer intake; seminars of relevance to HDR candidates; opportunities for student involvement with Centre activities Joint publications between members and HDR candidates</p>	<p>CEL members to continue to expand and support growing pool of HDR students, including through mentoring workshops (for students), team-based supervision and peer support (mentoring junior colleagues). CEL to continue to provide an opportunity for UG & PG students to serve as volunteers in the Centre. Continue to encourage Centre members to mentor HDR students to publish in high quality journals and to co-publish where appropriate.</p>	<p>Ethan Beringen commenced his Master of Research thesis at the beginning of the year. The CEL recruited 3 new PhD students and had one HDR completion this year. 10 student volunteers were accepted this year.</p>
<p>To refine the research scope of the Centre in alignment of the strategic research focus of the University, Faculty of Arts and Macquarie Law School</p>	<p>Peer recognition Collaboration with academics in different faculties and research centres. Refined Centre research focus, with clear scope and objectives. Publications with new research partners throughout the University.</p>	<p>CEL to continue compiling list of academics and external partners who may wish to collaborate with Centre members on interdisciplinary research projects falling within the scope of CEL's new research focus. CEL will workshop to deliver a detailed publication and external grants application plan at the beginning of 2021.</p>	<p>CEL now boasts a solid identity/mission statement, a clear structure of governance and communication guidelines. The above is underpinned by a bottom-up, voluntary and contribution-based approach across four dynamic pillars of the Centre: 1) Research Strategy, 2) Education and Training, 3) Industry Engagement, 4) Communication</p>



Law & Nature Dialogue 2021 S1 Program

In 2021, the Centre has organized a **series of events** and built up its **communication platform** to nurture its academic excellence, while actively engage with the outside world based upon our expertise (**Excellence Plus**). For example,

Established in February 2021, The **CEL Law & Nature Dialogues monthly webinar series** have welcomed world-leading biodiversity law scholars from prominent institutions ranging from Wuhan, Ghent, Canterbury, Tasmania, Strathclyde, UC Berkeley, Oxford, and Singapore. The Law & Nature Dialogues have provided an important platform for extending and consolidating CEL's collaborative networks. The Dialogues also created a unique opportunity to connect CEL's early career researchers with these scholars through organizing and/or chairing. Each webinar now reaches **1,500+ people** from academia, governments, corporates, law firms, NGOs, and international organizations with interests in biodiversity issues across the globe.

CEL's 2021 Flagship Conference: the "Global Dialogue on Biodiversity Law and Governance - Transformative Pathways to Living in Harmony with Nature", 6 – 8 July, featured speakers from 18 countries spanning five continents to discuss cutting-edge issues around biodiversity conservation law and governance. We are honored to welcome several high-level speakers, such as H.E. Ambassador Arif Havas Oegroseno (Indonesian Ambassador to Germany, Former Deputy Minister for Maritime Affairs), H.E. Ambassador Janine Coye-Felson (Deputy Permanent Representative for the Permanent Mission of Belize to the UN), and Former Chinese Supreme Court Judge (Environmental Law Chamber) Prof Tianbao Qin.

Over the course of three days, leading and emerging scholars (from institutions such as Cambridge, Melbourne, ANU, UNSW, Pretoria, Colorado, as well as organizations such as the Natural History Museum London, Conservation International and Pew Charitable Trust) contributed to nine vibrant and high-quality panel discussions and debates. 528 people from 30 countries registered to participate in this online conference. A special issue to be edited by Dr Michelle Lim will be published by a prominent journal in 2022.



A Global Dialogue between an international community at a crossroads

We live in a hyper-connected world, where we are inextricably reliant on each other. Transnational cooperation is essential and opens up pathways to extraordinary opportunities. Choices made in the 2021 'Super Year for Biodiversity' will determine our prospects of realising a socially just and environmentally sustainable future and whether we will achieve a future 'living in harmony with nature'.

In the lead-up to the Convention on Biological Diversity (CBD) and Biodiversity in Areas Beyond National Jurisdiction (BBNJ) negotiations, the Global Dialogue seeks to facilitate conversation between decision and policy makers, NGOs and academics across the world.

The aim of the Global Dialogue is to explore innovative pathways towards transformative change to solve global challenges of biodiversity loss and extinction risk and to foster global cooperation, including at the science-policy interface. The Dialogue seeks to address legal and governance questions related (but not limited) to: (i) How can the global community achieve a post-2020 Global Biodiversity Framework that effectively and equitably addresses and overcomes unprecedented global biodiversity loss? (ii) What comparative lessons can be drawn from developed and developing countries' domestic implementation and enforcement of international obligations? (iii) What synergies can be identified and developed across CBD and BBNJ negotiations? (iv) What governance solutions exist at the biodiversity-climate change nexus? (v) Can local and national level governance innovations be scaled up to the global level?

The Global Dialogue Call for Papers

The Centre welcomed Ms. Elizabeth Mrema, **Executive Secretary of the Secretariat of the Convention on Biological Diversity** to virtually deliver its **2021 Annual Lecture** “Mainstreaming Biodiversity and the Role of Law” on 17 November 2021. More than 300 people from 40 countries registered to attend this high-level event, which was chaired by Justice Brian Preston (Chief Justice, NSW Land and Environmental Court). The Annual Lecture is a CEL tradition to feature the most esteemed environment and environmental law scholars and practitioners. Past speakers include Justice Brian Preston (2015), Rob Stokes MP (2016), Prof Lesley Hughes (2017), Senator Mehreen Faruqi (2018) and Jane Goodall (2019).



Welcome to The Law and Nature Dialogue

*Proudly run by the
Macquarie University
Centre for Environmental Law*

Centre Blog:

<https://lawandnaturedialogue.wixsite.com/macquariecel>

In August 2021, the Centre launched our own **Blog “Law and Nature Dialogue”**, with aim to publish cutting edge opinion pieces on biodiversity Law and Governance. The Blog is created and managed by CEL Deputy Director Paul Govind and his student volunteers team. Paul’s team also manages CEL Twitter Account (**@MacquarieCEL**) and YouTube Channel:

<https://www.youtube.com/channel/UCrwxBVWxqtt7Cw6XqajlTrg>.

3. MEMBERSHIP OF CENTRE

CEL provides a vibrant research environment to support its members' career development. Through Centre events, communication platforms and networks, the Centre aims to cultivate a highly competitive team with solid track record (joint publications, joint HDR supervisions and grants) in the field of environmental law, raise the CEL team's profile as a group of leading biodiversity law and governance experts, and eventually achieve our academic goals, while exceeding the University's expectations.

The CEL team is largely voluntary, this means:

1. the Centre does not intervene in member's individual research, teaching and service agenda and workload.
2. the Centre, as an open platform, takes a bottom-up and contribution-based approach for events, publications, grant applications and other collaborations. Whoever within the CEL initiates and has the greatest contribution will be the lead of that particular publication, event and/or grant application.

ADVISORY BOARD

The Advisory Board is comprised of the following distinguished members:

Prof. Ben Boer (Emeritus Professor at the University of Sydney)

Prof. Lesley Hughes (Distinguished Professor of Biology, Pro Vice-Chancellor (Research Integrity & Development) at Macquarie University)

The Hon. Justice Brian Preston SC (Chief Judge of the Land and Environment Court in New South Wales)

Prof. Benjamin J. Richardson (Professor in the University of Tasmania's Faculty of Law and the Institute for Marine and Antarctic Studies)

Prof. Qin Tianbao (Professor and Director of Research Institute of Environmental Law, School of Law, Wuhan University, China)

Prof. Nilufer Oral (Director, Centre for International Law, National University of Singapore)

Dr Nick Brunton (Partner, Norton Rose Australia)



The Centre welcomes Prof Lesley Hughes (left) and Prof Nilufer Oral (right), who joined the Advisory Board in 2021.

EXECUTIVE GROUP

The current Executive Group includes **Nengye Liu** (Associate Professor, Director, Macquarie Law School), **Paul Govind** (Lecturer, Deputy Director, Macquarie Law School), **Michelle Lim** (Senior Lecturer, Macquarie Law School) and **Peter Davies** (Associate Professor, Department of Earth and Biological Sciences)

The membership of CEL Executive Group comes with commitments, which include:

1. Attending CEL executing meetings scheduled by the CEL Director;
2. Ensuring that part of an individual's research agenda is aligned with CEL's research focus;
3. Promoting the Centre's reputation within and beyond Macquarie University;
4. Contributing to the Centre's Annual Report and three-years Strategic Review (here contribution means quality publications, research income, HDR recruitment/completion and impact, such as media engagement and submission to Parliamentary enquiries)
5. Contributing to the Centre's future development to achieve its goals and visions

The CEL is therefore managed by a **contribution-based** structure of governance on a daily basis, including four dynamic pillars.

1. Research strategy (led by **Michelle Lim** and **Peter Davies**): The Research Pillar develops and updates a clear research plan/roadmap for the Centre.

2. Training and Education (vacant): The Training Pillar monitors the Centre's Student Volunteers Program, liaises with PACE (e.g., NSW Land and Environmental Court), and will potentially organize the Environmental Law Moot Court (e.g., in CEL 40 / 2023), provide training for industry partners to generate income.

3. Industry Engagement (led by **Paul Govind**): The Industry Engagement Pillar fosters relations with industry partners, in particular law firms, corporates, and governments.

4. Communication (led by **Paul Govind**): The Communication Pillar manages Centre Twitter, YouTube Channel, Law & Nature Dialogue Blog, and will potentially develop Centre marketing materials.

WHO'S WHO ON THE EXECUTIVE?



Dr Nengye Liu, Director

In 2021, A/Prof Nengye Liu was elected as Co-Chair, International Environmental Law Interests Group, **American Society of International Law**; Member of the Governing Board (Oceania), **IUCN Academy of Environmental Law**;

In 2021, A/Prof Nengye Liu was invited to serve as a member of Editorial Board for **Marine Policy**, and **Ocean Development and International Law**

Paul Govind, Deputy Director

In 2021, Paul Govind was appointed as Asia-Pacific Director, **The Global Network for Human Rights and the Environment**



Dr Michelle Lim

In 2021, Michelle Lim was appointed to the Advisory Board of **Ambio** (journal published by Royal Swedish Academy of Sciences).

A/Prof Peter Davies

In 2021, Peter Davies was Appointed as a member of **NSW Independent Metropolitan Water Advisory Panel**



MEMBERS

Membership of the Centre is open to full-time academics across all departments within Macquarie University, with aim to foster interdisciplinary collaboration.



CEL-Human Geography Collaborative Brainstorm Workshop, 4 May 2021. From left to right: Paul Govind, Nengye Liu, Sandie Suchet-Pearson, Michelle Lim, Donna Houston, Fiona Miller and Andrew McGregor

In 2021, the Centre is very pleased to welcome new members, such as

Prof Surya Deva, Chair of UN Working Group on Business and Human Rights, Professor at Macquarie Law School (left)

A/Prof Andrew McGregor, Research Director of the Department of Geography and Planning, Faculty of Arts, Macquarie University (Andrew is a focal point driving collaborative research between CEL and Human Geography) (centre)

Dr Joseph Maina Mbui, Senior Lecturer, Department of Earth and Biological Sciences (Maina is a 2020 Eureka Prize winner working at the marine science-policy interface) (right)



The Centre's membership also includes **Prof Shawkat Alam (CEL Director 2013 – 2020)**, Dr Shireen Daft and Prof Tina Soliman-Hunter, all from Macquarie Law School.

GLOBAL ASSOCIATES

CEL Global Associate Programme is open to academics and industry partners outside Macquarie University and those otherwise affiliated with Macquarie Law School, in order to consolidate CEL's broad international and domestic academic and industry networks. In 2021, the CEL welcomed new associates, including



Dr Cassandra Brooks, Assistant Professor in Environmental Studies, University Colorado Boulder, United States.



Dr Phillipa McCormack, Lecturer of Law, University of Tasmania/Postdoctoral Researcher, University of Adelaide.



Mr Cai Yongsheng, Senior Legal Officer, International Seabed Authority



Ms Ipshita Chaturvedi, Partner, Dentons Rodyk (Singapore).

CEL Global Associates also include Dr Judith Preston, Zara Bending and The Hon. Robert Stokes MP.

4. HDR STUDENTS

The Centre was highly successful in Macquarie University's International HDR Main Scholarship Round 2021. **Asanka Edirisinghe** and **Jiliang Chen** secured full scholarships (Tuition waiver + stipend) in this extremely competitive round to conduct their PhD projects at CEL.

Asanka Edirisinghe is currently a Senior Lecturer at the Faculty of Law, General Sir John Kotelawala Defence University in Colombo, Sri Lanka. Julian Chen is a researcher and campaigner working for Chinese environmental NGO Greenovation Hub, based in Shanghai. Moreover, **Miaomiao Yin** will also join the Centre in 2022 to conduct her Cotutelle PhD between **Macquarie University** and **Zhejiang University**, funded by an MQ-China Scholarship Council Postgraduate Scholarship.



Asanka Edirisinghe



Jiliang Chen



Miaomiao Yin

LIST OF HDR STUDENTS

Najnin Begum, *Access to Environmental Information and Public Participation in Environmental Decision-making Process in Bangladesh* (PhD) (Primary supervisor – **Shawkat Alam**). Completed 2021

Zara Bending, *Governing the International Illegal Trade in Wildlife: How the law of treaties and rules of the WTO contend with the trade in rhino horn* (PhD) (Primary supervisor – **Shawkat Alam**; Associate supervisor **Shireen Daft**)

Ana Napoli Carneiro, *How can the Water Act 2007 deliver distributive water justice for rural communities, given the predicted impacts of climate change on the Murray-Darling Basin? A study of the Barwon-Darling Catchment of New South Wales, Australia* (PhD) (Primary supervisor – Andrew Burke; Associate supervisor – **Michelle Lim**)

Paul Govind, *The resistance of Environmental Law to the epistemic change of the Anthropocene - Can this resistance be broken?* (PhD) (Primary supervisor – **Shawkat Alam**; Associate supervisor – **Michelle Lim**)

Ethan Beringen, *Australia and Conservation of Marine Living Resources in Areas beyond National Jurisdiction* (MRes completion in 2021, progression to PhD in 2022) (Primary supervisor – **Nengye Liu**; Associate supervisor – **Michelle Lim**)

Jiliang Chen, *Effective governance of the global commons: the case of Area Based Management Tools/Marine Protected Area in the High Seas* (PhD, commence in 2022) (Primary supervisor – **Nengye Liu**; Associate supervisor – **Maina Mbui**)

Miaomiao Yin, *Interaction between International Law and International Relations in the Future Evolution of the Antarctic Treaty System* (PhD, commence in 2022) (Primary supervisor – **Nengye Liu**)

Asanka Edirisinghe, *Towards a Return to Ecocentrism in Sri Lankan Law* (PhD, commence in 2022) (Primary supervisor – **Shawkat Alam**; Associate supervisor – **Michelle Lim**)

Sandesh Neupane, *Associating Environmental Policies, Illegal wildlife trade and Indigenous communities in Nepal* (MRes) (Primary supervisor – **Shawkat Alam**; Associate supervisor – **Michelle Lim**)

Ioannis Rigkos, *Commoning in the Anthropocene* (Primary supervisor – **Andrew McGregor**)

Milena Bojovic, *Dairy transitions in Aotearoa / NZ* (Primary supervisor – **Andrew McGregor**)

Tshering O’Gorman, *Climate policy, governance and justice in Nepal* (Primary supervisor – **Andrew McGregor**)

Evelyn Iverson, *Planning for food justice in Sydney* (Primary supervisor – **Andrew McGregor**)

5. STUDENT VOLUNTEERS

The Centre recruited 10 high calibre MQ law students, through a competitive process, into our student volunteer program in 2021. **Sarah Vanderfield, Oliver Moss, Madison Toohey, Monica Pedro, Isabella Knowles, Gabrielle Clark, Tammany Kulkarni, Nischala McDonnell, Micah Bawden** and **Andrew Mahler** assisted the CEL Executive team with tasks such as writing blog posts, assisting with CEL events and research tasks.



Nischala McDonnell
@Nischala_McD

Volunteering for @MacquarieCEL in 2021 has been a treasured experience. I'm honoured to have supported @MacquarieCEL's social media team & CEL experts @PGovindAcademic, @NengyeLiu & @FutureEnvLaw.



#CELAnnualLecture, #LawandNatureDialogue, #GlobalBiodiversityDialogue2021



9:15 AM · Nov 29, 2021 · Twitter Web App

Sarah Vanderfield
cel Volunteer

Sarah is in her second year of a Juris Doctor degree at Macquarie University. Sarah completed a Bachelor of Clinical Science for her undergraduate degree.

Sarah is interested in law's role in connecting different fields to address social inequities and ecological crises. Sarah is an environmental campaigner and an active member of Macquarie University's Women's Collective.

@MacquarieCEL
tinyurl.com/mquenviro
Macquarie CEL

CEL (est. 1983) is one of the oldest continuously active environmental law centres in the southern hemisphere. CEL's mission is to drive transformative change through future-focused interdisciplinary legal research that provides cutting edge solutions to the global challenges of biodiversity loss and extinction risk.

Under the supervision of CEL Deputy Director Paul Govind, the communications team (Nischala McDonnell, Micah Bawden and Andrew Mahler) made significant contributions to the Centre's development, such as establishing the Centre's, now vibrant, twitter account.

6. CENTRE BUDGET

Based in the most recent ledger report \$10,000 has been expended to date from the Faculty of Arts Contribution to the Centre (total contributions \$10,000).

FINANCIAL STATEMENT

General Ledger Balances

Ledger Name: 2021 Actual Ops Ledg

[Show foreign currency balances](#)

Foreign currency balances may take some time to calculate for high volume accounts.

Enter search criteria and click retrieve

Search:

[Retrieve](#) [Saved Search](#)

Only show accounts/commitments with a balance

Drag a column header here to group by that column

Account Number	Description	Debit (AUD)	Credit (AUD)	Commitments (AUD)	Total Balance (AUD)	Units1	Long Description
2201/0040/1953	Alloc tsf Fac	0.00	10,000.00	0.00	-10,000.00	0.000000	Law CEL Income Alloc tsf Fac
2201/0040/2301	SalProffnalCas	4,808.38	0.00	0.00	4,808.38	0.000000	Law CEL Employment Cost SalProffnalCas
2201/0040/2302	PRT Prof Cas	336.58	0.00	0.00	336.58	0.000000	Law CEL Employment Cost PRT Prof Cas
2201/0040/2303	ProffnalSupCas	527.19	0.00	0.00	527.19	0.000000	Law CEL Employment Cost ProffnalSupCas
2201/0040/2420	Proffl Casual WC	21.65	0.00	0.00	21.65	0.000000	Law CEL Employment Cost Proffl Casual WC
2201/0040/4060	Legal Fees	36.36	0.00	0.00	36.36	0.000000	Law CEL General Costs Legal Fees
2201/0040/4200	Ent - Non FBT	238.00	0.00	0.00	238.00	0.000000	Law CEL General Costs Ent - Non FBT
2201/0040/4303	Mkting Web Dev	522.50	0.00	0.00	522.50	0.000000	Law CEL General Costs Mkting Web Dev
2201/0040/4402	Uni Subs	731.45	0.00	0.00	731.45	0.000000	Law CEL General Costs Uni Subs
2201/0040/5166	Conference	63.64	0.00	0.00	63.64	0.000000	Law CEL Other Costs Conference
2201/0040/5176	Conf l Sta	200.04	0.00	0.00	200.04	0.000000	Law CEL Other Costs Conf l Sta
		7,485.79	10,000.00	0.00	-2,514.21	0.000000	

7. COLLABORATIVE FUTURES

FORTHCOMING COLLABORATIVE OUTPUTS

CEL activities, with members and others, facilitates academic collaboration within and beyond Macquarie University. For example, the 'Environmental Law's Extinction Problem - online workshop', co-hosted by QUT Law and CEL in November 2020, resulted in three publications in 2021 by two CEL members (Michelle Lim and Paul Govind) in Australia's premier social-legal journal (A*) - The Griffith Law Review.

CEL Deputy Director Paul Govind and Executive Member Michelle Lim have had the book chapter "Biodiversity – the neglected lens for reimagining property, responsibility, and law for the Anthropocene" accepted for publication in Burdon, Peter and James Martel, *Anthropocene Handbook*.

Three publications led by CEL HDR candidate Ethan Berringen with co-authors CEL Director Nengye Liu and Executive Member Michelle Lim are currently under review by prominent journals.

The manuscript "CHANS-Law: preventing the next pandemic through the integration of social and environmental law" led by Dr Kirsty Davies (former CEL member and Macquarie Law School staff member), co-authored by CEL Executive member Michelle Lim, Advisory Board member Qin Tianbao and Dr Philip Riordan is currently under review by a peer-reviewed publication.

The manuscript "Towards a transnational approach to transboundary haze pollution: Governing traditional farming in fire-prone regions of Indonesia" led by CEL member and former CEL Director Prof. Shawkat Alam and co-authored by Laely Nurhidayah (CEL PhD Graduate) and Michelle Lim (CEL Executive Member) has been submitted to a peer-review publication.

FORTHCOMING CEL EVENTS

From 9-11 February 2022, CEL will host the 8th Frontiers Colloquium in Environmental Law, together with New Zealand Centre of Environmental Law, University of Auckland. Frontiers is the key annual environmental law event in Oceania. This year's theme is "Responsibility in the Anthropocene". Organisation is led by CEL Deputy Director Paul Govind.



@MacquarieCEL tweet promoting the 8th Frontiers in Environmental Law Colloquium

FORGING LAW AND GEOGRAPHY CLUSTER IN 2022

CEL is delighted about its burgeoning collaboration with six members of the Department of Geography (including CEL member Associate Professor Andrew McGregor). In November 2021, CEL and Geography participated in a further collaborative workshop to set out next steps for joint exploration of issues and challenges on the issue of biodiversity offsetting. Geography's Associate Professor Donna Houston has kindly arranged for research assistance to perform a preliminary literature review on the topic. CEL Deputy Director Paul Govind and Executive Member Michelle Lim have drafted a structure for exploring the topic from an interdisciplinary perspective.



APPENDIX 1

2021 OUTPUTS

BOOK CHAPTERS

Shawkat Alam, 'Intellectual property rights and other trade and development challenges' in M. Shahabuddin (ed.), *Bangladesh and International Law* (**Routledge**, 2021) 181-193.

Shawkat Alam, 'The collective rights of Indigenous peoples, environmental destruction, and climate change' in Erika Techera (et. el eds), *Routledge Handbook of International Environmental Law* (**Routledge**, London 2021) 359-371.

Shawkat Alam, 'The development-environment nexus promises and perils of global governance' in Zafarullah, H. & Huque, A. S. (eds.), *Handbook of Development Policy* (**Edward Elgar**, 2021), 137-146.

Shawkat Alam, 'Technology assistance and transfers in international environmental law' in Rajamani, L. & Peel, J. (eds.), *Oxford Handbook of International Environmental Law* (**Oxford University Press**, 2021), 956-971.

Pickering, Jonathan; Brendan Coolsaet; Neil Dawson; Kimberley Suiseeya; Christina Inoue, **Michelle Lim**, 'Rethinking and upholding justice and equity in transformative biodiversity governance.' Ingrid Visseren-Hamakers; Marcel Kok (eds) *Transforming biodiversity governance* (**Cambridge University Press**, 2021)

JOURNAL ARTICLES

Ethan Beringen, Nengye Liu and Michelle Lim, “Australia as a Middle Power: Challenging the Narrative of Developed/Developing States in International Negotiations Surrounding Marine Genetic Resources”, *Ocean Development and International Law* (2021) 52 (2), 143-168 (Impact Factor: 1.541).

Nengye Liu, “China’s Regulation of its Distant Water Fishing Fleets”, *International Journal of Marine and Coastal Law* (2021) 36 (1), 165-175 (Impact Factor: 0.667).

Nengye Liu, “China and One Hundred Years of the Svalbard Treaty, Past, Present and Future”, *Marine Policy* (2021)124, 104354 (Impact Factor: 4.173)

Asanka Edirisinghe & Michelle Lim, “A Plea for Survival: Can a return to eco-centrism strengthen the Legal protection of nature in Sri Lanka?” *Asia Pacific Journal of Environmental Law* (2021) 24 (2).

Michelle Lim, “Fiction as Legal Method – Imagining with the more-than-human to awaken our plural selves” (Commentary), *Journal of Environmental Law* (2021) 33 (3), 501-505 (Impact Factor: 2).

Andrew Allan, Emily Barbour, Robert J. Nicholls, Craig Hutton, **Michelle Lim**, Mashfiqus Salehin, Md. Munsur Rahman (2022) “Developing socio-ecological scenarios: A participatory process for engaging stakeholders” 807 *Science of the Total Environment* (Impact Factor: 7.963).

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Lynch, Abigail J., Álvaro Fernández-Llamazares, Ignacio Palomo, Pedro Jaureguiberry, Tatsuya Amano, Zeenatul Basher, **Michelle Lim**, Tuyeni Heita Mwampamba, Aibek Samakov, and Odirilwe Selomane (2021) "Culturally diverse expert teams have yet to bring comprehensive linguistic diversity to intergovernmental ecosystem assessments." *One Earth* (2021) 4 (2), 269-278

Michelle Lim, "Pandemics and unprecedented biodiversity loss in a telecoupled world-what role for law?" *Australian Environment Review* (2021) 35 (7/8), 179-184.

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Vijayan, A., **Maina Joseph Mbui.**, Lawson, R., Chang, H-C., Beaumont, L. J. & Peter J. Davies,. "Land use planning to support climate change adaptation in threatened plant communities", *Journal of Environmental Management.* (2021) 298, 113533, 1-11 (Impact Factor: 6.789)

Shawkat Alam, Mizanur Rahman, and Abdullah-Al Arif, "Challenges and opportunities in artisanal fisheries (Sonadia Island, Bangladesh): the role of legislative, policy and institutional frameworks", *Ocean and Coastal Management* (2021) 201, 105424, 1-12 (Impact Factor: 3.284)

Andrew McGregor, Rickards, L., Houston, D., Goodman, M. K. & Bojovic, M., Jul, "The biopolitics of cattle methane emissions reduction: governing life in a time of climate change", *Antipode* (2021) 53 (4), 1161-1185

Andrew McGregor, "Just food transitions? Maximising the social benefits of alternative proteins", *Food Australia* (2021) 73 (1), 32-34

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Ernest F. Asamoah*, Linda J. Beaumont, **Joseph Maina Mbui**, "Climate and land-use changes reduce the benefits of terrestrial protected areas", *Nature Climate Change* (2021) 11, 1105-1110 (Impact Factor: 25.29)

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MEDIA ENGAGEMENT

Nengye Liu quoted by *China Dialogue*: Will Antarctic waters receive new protection? 14 October 2021

Nengye Liu quoted by *China Dialogue*: Krill: the tiny creature with a huge ocean footprint, 25 August 2021

Nengye Liu interviewed by *The Lighthouse*: Marine par for Antarctica relies on EU engaging with China: law expert, 3 June 2021

Nengye Liu quoted by *China Dialogue*: 14th Five Year Plan, China's carbon-centered environmental blueprint, 25 March 2021

Nengye Liu quoted by *Yahoo News AU*: Dangerous turning point: Why this sea voyage has scientists worried, 22 February 2021

Nengye Liu, Jiliang Chen, “China and the Future of the Antarctic Mining Ban” *The Interpreter*, 8 October 2021

Nengye Liu, “China and the Agreement to Prevent Unregulated High Seas Fisheries in the Central Arctic Ocean” *The Diplomat*, 10 June 2021

Paul Govind, Nengye Liu, “Why the Davis aerodrome project as currently proposed may undermine Australia’s leadership in Antarctica?” *The Interpreter*, 3 May 2021

Michelle Lim interviewed by **ABC NEWS RADIO** “Kunming Declaration aims to halt and reverse biodiversity loss”, 11 October 2021, 5pm

Michelle Lim interviewed by Michael Slezak, AM with Sabra Lane, **ABC Radio**, “Critical meeting to halt biodiversity loss”, 11 October 2021, 7am

Michelle Lim Podcast with Professor Anthony Burke, “Transformative change for a world 'living in harmony with nature' - Can the Convention on Biological Diversity get us there?”, (Invited podcast, Navigating Uncertainty UNSW Canberra, 17 August 2021

Michelle Lim interview by **RTRFM**, 'How the plan to protect the world’s wildlife is falling short’, ‘Breakfast with Taylah’ Friday 23rd July 2021, 8.10am.

Michelle Lim interview by **2ser Radio**, ‘Symbiotic Relationship Between Biodiversity and Climate Change’, 21 July 2021

Michelle Lim, “Repeating mistakes: Why the plan to protect the world’s wildlife falls short.” *The Conversation* 16 July 2021

Michelle Lim, “Raze paradise to put in a biofuel crop? No, there are far better ways to tackle climate change.” *The Conversation* 13 July 2021

Paul J Govind, “A responsibility to protect – how the Sharma case could change environmental decision-making in Australia”, *The Global Network for Human Rights and the Environment Blog* 3 June 2021

Shawkat Alam, “Bangladeshi Delegate to COP26 have a tricky job on their hands”, *Daily Star*, 30 October 2021

Andrew McGregor, interview by Country Today *ACE Radio Network*, “Cattle methane emissions” 21 April 2021

Andrew McGregor, interview by *The Lighthouse*, “Climate Change: Cattle burp issue on the rise” 14 April 2021

Zara Bending, quote by *Australian Associate Press*, “Taken to tusk: Elephant and rhino ‘pink dye’ pics are wildly misleading” 21 May 2021

Zara Bending, quote by *ABC News*, “From tigers to chimpanzees, how cute social media videos could be driving the exotic pet trade”, 8 May 2021

Zara Bending, quote by *Refinery 29*, “Why do women experience more eco-anxiety than men?”, 26 July 2021

Zara Bending, interview by *The Lighthouse*, “Why the notorious pangolin deserves our compassion” 10 February 2021

SUBMISSIONS / REPORTS

Michelle Lim, Author, **IPBES-IPCC Co-Sponsored Workshop Report on Biodiversity and Climate Change**. One of 50 global experts (and only legal scholar) selected to contribute to this report.

Paul J. Govind, Public Submission on Warragamba Dam Raising

Peter Davies, Urban Forest Consulting, Hornsby Shire Council Urban Forest Strategy

McAuley, A. and **Peter Davies**, 2021 Strategic and statutory planning review to create our living river: Parramatta River Masterplan, Step 4. Final Recommendations Paper. Prepared for Sydney Water Corporation and the **Parramatta River Catchment Group**.

Andrew McGregor, submission to the **Senate Committee Enquiry into definitions of meat and other animal products**

CONFERENCE PRESENTATIONS / WEBINAR

Nengye Liu, Featured Panel: “Polar Governance for the Blue Earth: Messages from Biodiversity COP15 and Climate COP26”, 14th Polar Law Symposium, **Kobe University**, Japan, 23 November (invited)

Nengye Liu, “China and International Environmental Law: Balancing Environmental Protection and Resources Use”, The Second Workshop of Cambridge Handbook of China and International Law, School of Law, **Wuhan University**, Wuhan, China, 19 November 2021

Nengye Liu, Sustainable Arctic Forum in the Celebration of 25 Years of the Arctic Council, **Ministry of Foreign Affairs, the Republic of Korea**, Seoul, 10 November 2021 (invited)

Nengye Liu, “Is Australia’s Environment Protection and Biodiversity Conservation Act Sufficient to Protect the Antarctic Ecosystem?” **28th Australian and New Zealand Society of International Law Annual Conference**, 30 June – 6 July 2021

Nengye Liu, “The Environmental Opportunity & Geopolitical Obstacle to the Protection of the Southern Ocean”, EU Global Ocean Leadership: Winning Protection of Antarctica & the Southern Ocean, **European Parliament**, 4 June 2021 (invited)

Nengye Liu, “China and International Environmental Law”, The First Workshop of Cambridge Handbook of China and International Law, School of Law, **Fudan University**, Shanghai, China, 24 April 2021

Nengye Liu, Plenary Talk: “The Polar Silk Road and the Future Governance of Northern Sea Route”, Symposium China and the Arctic, A View to 2050, Department of Geography, **The University of Hong Kong**, 23 April 2021 (with Jan Solski)

Michelle Lim, “Implementation and Accountability in the Post-2020 Framework”, **IUCN Australia National Committee**, “Post 2020 Global Biodiversity Framework Workshop”, 29-30 November 2021 (invited)

Michelle Lim, “Can the Convention on Biological Diversity deliver a world ‘living in harmony with nature’”, **Seoul Academy of International Law** in collaboration with the Centre for International Law of the Institute of Foreign Affairs and National Security at the Korea National Diplomatic Academy, Virtual International Conference “Post 2020 Global Biodiversity Framework: Exploring a Path to ‘Living in Harmony with Nature’”, 25 November 2021 (invited)

Michelle Lim, “Fiction as Legal Method – Imagining with the more-than-human to awaken our plural selves”, **the Journal of Environmental Law - University of Oxford - University of Lincoln** Workshop: “Different Voices, Different Knowledges”, 24 November 2021 (invited)

Michelle Lim, 'The past, present and future of the Convention on Biological Diversity', 3rd International Conference on Law, Governance and Globalizations (ICLGG 2021) of the Faculty of Law, **Airlangga University**, Indonesia. 3-4 November 2021 (invited)

Michelle Lim, “The role of emotions in shaping desirable environmental law futures”, Invited speaker - Inaugural Environmental Law Doctoral Researchers Workshop, **Melbourne Law School’s** Centre for Resources, Energy and Environmental Law & UNSW Faculty of Law and Justice, 17 July 2021

Michelle Lim, “Biodiversity 2050 – Can the Convention on Biological Diversity Deliver a World Living in Harmony with Nature”, **Peking University**, School of Transnational Law, 7 April 2021 (invited)

Paul J Govind, “Environmental law at 'pandemic speed'? Why Loss and Damage is key in responding to the accelerating extinction crisis” The Global Environmental Crisis: Environmental Law as a Vaccine for a Planetary Pandemic’ Sixth Annual Rule of Law and Sustainable Development Seminar, School of Law, **University of Southampton**, 19 February 2021

Paul J Govind and **Michelle Lim**, 'Biodiversity – the neglected lens for reimagining property, responsibility, and law for the Anthropocene' - 7th Frontiers in Environmental Law Colloquium, **University of South Australia**, 25 – 26 February 2021

Shawkat Alam, Plenary Panel, In Conversation with Prof. Edith Brown Weiss, **8th Biennial Conference of Asian Society of International Law**, UNSW Canberra, 28 May 2021

Shawkat Alam, “Intersections between Climate Change Law and the WTO”, Diplomatic Academy and Trade and Investment Law Branch at the **Department of Foreign Affairs and Trade**, 25 October 2021 (invited)

Ethan Beringen, “Australia’s Marine Protected Area Practice: Exploring Interactions between National and International Law & Policy”, IX Strathclyde Centre for Environmental Law and Governance Postgraduate Colloquium, **University of Strathclyde**, 2-3 June 2021

Ethan Beringen, “Australia’s Marine Protected Area Practice”, **Australia and New Zealand Society for International Law 2021 Postgraduate Workshop**, 7 July 2021

Judith Preston, Professor Tom Kerns and Professor Donna Craig “Youth Climate Courts and Intergenerational Climate Justice. An Australian Case Study”, 7th Frontiers in Environmental Law Colloquium, **University of South Australia**, 25 February 2021

Judith Preston, Panellist on the **Australian Business Biodiversity Initiative Pre-COP Summit**, 15 June 2021

Judith Preston, Presenter to **Ku-ring-gai Municipal Council - Inclusion of Youth in Climate Governance**, 1 September 2021

Judith Preston, “Climate change impacts on cultural heritage in the Torres Strait Islands” **LAWASIA Annual Conference**, 16 November 2021

Judith Preston, “Fighting for their Future: Litigation for Intergenerational climate justice”, **LAWASIA 2nd Human Rights Conference**, 9 October 2021

GRANTS

2021 – 2023, **Nengye Liu, Primary Chief Investigator**, Project title: “The Rise of China and the Future of High Seas Governance”, **Chiang Ching-kuo Foundation for International Scholarly Exchange** (US \$24,000, success rate: 22.2%)

2019 – 2021, **Nengye Liu, Chief Investigator**, Project title: “Geopolitical Change and the Antarctic Treaty System”, **Australian Research Council Discovery Grant** (with Prof Marcus Haward (University of Tasmania), A/Prof Jeffery McGee (University of Tasmania), Prof Timothy Stephens (University of Sydney), Prof Shirley Scott (UNSW Canberra) and Dr Anthony Press (University of Tasmania) (AU\$466,000, success rate: 22.4%)

2021 – 2025, **Andrew McGregor, Chief Investigator**, Project title: “ Next generation agricultural extension: social relations for practice change”, Australian Centre for International Agriculture Study (Cook, B., McKinnon, K., McGregor, A., Utomo, A. & Peralta, \$4.5m)

2021 – 2022, **Andrew McGregor, Primary Chief Investigator, MQSN: Plant-based Meat Pilot Research Project** (McGregor, A., Houston, D., Rickards, L. & Goodman, M. \$19,940)

2021, **Peter Davies** and **Paul Govind**, Development and delivery of training program on NSW Planning law and policy, **NSW Environment Protection Authority** (\$80,000)

APPENDIX 2 FLYERS AND CONFERENCE BOOKLET



Centre for Environmental Law
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Law and Nature Dialogues

Biodiversity Law and Governance Webinar Series



FEBRUARY | 22 February 2021, 1pm (AEDT/Sydney time)
Prof. QIN Tianbao
 Director of Research Institute of Environmental Law, Wuhan University, China
 “The Evolution and Challenges of China’s Implementation of the Convention on Biological Diversity”
 Chair: Dr Michelle Lim



MARCH | 22 March 2021, 5pm (AEST/Sydney time)
Prof. An Cliquet
 Department of European, Public and International Law, Ghent University, Belgium
 “The European Union’s 2030 Biodiversity Strategy”
 Chair: Assoc. Prof. Nengye Liu



APRIL | 30 April 2021, 1pm (Sydney time)
Prof. Karen Scott
 ANZSIL president; School of Law, University of Canterbury, New Zealand
 “Will the BBNJ Agreement Support Efforts to Mitigate the Impacts of Climate Change on High Seas Biodiversity.”
 Chair: Dr Hannah Harris
<https://www.eventbrite.co.uk/e/law-nature-dialogues-webinar-april-2021-prof-karen-scott-ucanterbury-tickets-148525015319>



MAY | 27 May 2021, 1pm (Sydney time)
Prof. Jan McDonald
 New Star Professor of Environmental Law, School of Law, University of Tasmania, Australia
 “Pathways to Adaptation for Conservation Law and Policy”
 Chair: Paul Govind
<https://www.eventbrite.com.au/e/law-nature-dialogue-webinar-series-may-2021-prof-jan-mcdonald-utas-tickets-149065166927>

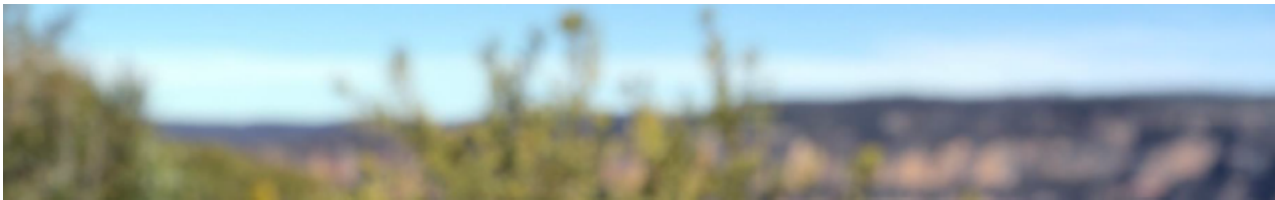


JUNE | Time and date t.b.c
Prof. Elisa Morgera
 Co- Director, Strathclyde Centre for Environmental Law and Governance
 University of Strathclyde, Scotland
 “Marine Biodiversity and Human Rights”
 Chair: Dr Shireen Daft



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AUGUST | 25 August 2021, 12pm (AEST/Sydney time)

Prof. Holly Doremus

James H. House and Hiram H. Hurd Professor of Environmental Regulation, Berkeley Law, University of California Berkeley; Co-Director of the Law of the Sea Institute; Co-Faculty Director of the UC Berkeley Institute for Parks, People, and Biodiversity, United States of America
“Conservation Equity”

Chair: Paul Govind

Register here to receive zoom link: <https://www.eventbrite.com.au/e/law-nature-dialogues-webinar-series-august-2021-prof-holly-doremus-tickets-166643502201>



SEPTEMBER | 15 September 2021, 5pm (AEST/Sydney time)

Prof. Liz Fisher

Professor of Environmental Law, Corpus Christi College and Faculty of Law, University of Oxford, United Kingdom

“What the History of Nature Conservation Law Tells Us About Ecological Futures: a Non-Euclidean Vision of the Anthropocene”

Chair: Dr Michelle Lim

Register here to receive zoom link: <https://www.eventbrite.com.au/e/law-nature-dialogues-webinar-september-2021-prof-liz-fisher-tickets-166648874269>



OCTOBER | 4 October 2021, 1pm (AEDT/Sydney time)

Prof. Nilufer Oral

United Nations International Law Commission; School of Law, National University of Singapore, Singapore

“Towards a new BBNJ Agreement: Negotiating a new treaty for the conservation of marine biodiversity in areas beyond national jurisdiction?”

Chair: Ethan Beringen

SAVE THE DATE
CENTRE FOR ENVIRONMENTAL LAW ANNUAL LECTURE

17 November 2021, 9am (AEDT, Sydney time)



H.E. Elizabeth Maruma Mrema

Executive Secretary of the Secretariat of the United Nations Convention on Biological Diversity

“Mainstreaming Biodiversity and the Role of Law”

Follow @MacquarieCEL on Twitter for updates on our Annual Lecture



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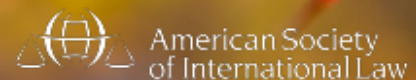
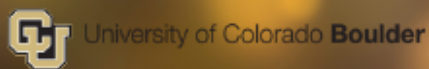
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Global Dialogue

On Biodiversity Law and Governance

“Transformative Pathways to Living in Harmony with Nature”
5-8 July 2021

Conference Programme



Welcome to the Global Dialogue

The Centre for Environmental Law, Macquarie University, Australia, The Research Institute of Environmental Law, Wuhan University, China and The Environmental Studies Program, The University of Colorado Boulder, United States are delighted to welcome you to the first ever Global Dialogue on Biodiversity Law and Governance.

Biodiversity sits at the heart of our planet's ability to sustain life. This capacity of our natural systems is being challenged in ways never before seen in human history. The 2050 Vision of the Convention on Biological Diversity sees a world 'living in harmony with nature'. This will require rapid fundamental system-wide change across our economies and societies on a global scale (IPBES 2019).

In 2021, we have the opportunity to initiate such transformation. Choices made in the 2021 'Super Year for Biodiversity' will determine our prospects of realising a socially just and environmentally sustainable future and whether or we will achieve a future 'living in harmony with nature'.

Commencing in the lead-up to forthcoming international negotiations on biodiversity, the Global Dialogue aims to explore innovative pathways towards transformative change to solve global challenges of biodiversity loss and extinction risk and to foster global cooperation, including at the science-policy interface.

Register Here:

<https://event.mq.edu.au/global-dialogue/registration/Site/Register>

Centre for Environmental Law Macquarie University

Host of the Global Dialogue

Macquarie University has a strong history of involvement in environmental law. Established in 1983, [the Centre for Environmental Law \(CEL\)](#) builds on the research strength and expertise of its academic staff in the area of biodiversity law and governance. We are committed to fostering dynamic relationships with industry, government, civil society and other Universities and we have built strong collaborative links with overseas research institutions.

Our mission is to drive transformative change through future-focused interdisciplinary legal research that provides cutting edge solutions to the global challenges of biodiversity loss and extinction risk.

Our members have unique expertise in the field of biodiversity law and governance. We collaborate with industry, government and civil society to develop tools and implement practices towards a thriving planet for people and nature.



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Co-hosts

The Centre for Environmental Law (CEL), Macquarie University is honoured to co-host the Global Dialogue with:

The Research Institute of Environmental Law, Wuhan University, China



RESEARCH INSTITUTE OF ENVIRONMENTAL LAW
WUHAN UNIVERSITY



WUHAN
UNIVERSITY

The Environmental Studies Program, The University of Colorado Boulder, United States

Environmental Studies Program
COLLEGE OF ARTS AND SCIENCES



University
of Colorado
Boulder

The American Society for International Law



American Society
of International Law



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Pre-Dialogue Event
**“IPBES-IPCC Co-Sponsored Report on
Biodiversity and Climate Change”**
Australian Briefing and Uptake Webinar
Monday 5 July, 1-2pm (Sydney time)

Chair: [Distinguished Prof. Lesley Hughes](#)
Macquarie University

Panellists (Australia-based authors of the report):

[Distinguished Prof. Xuemei Bai](#)
Australian National University

[Dr Ram Pandit](#),
University of Western Australia

[Dr Michelle Lim](#),
Macquarie University

Register Here:

The Pre-Dialogue event is free but requires [separate registration on this Eventbrite page](#).



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Global Dialogue on Biodiversity Law and Governance

Transformative Pathways to “Living in Harmony with Nature”

Programme and Presenter Bios

Day 1: Tuesday 6 July 2021

Time	Sessions	Speakers
9am – 9.30am	Opening Address	Prof Lesley Hughes , Pro Vice-Chancellor (Research Integrity and Development), Distinguished Professor of Biology, Macquarie University
	Launch of the Centre for Environmental Law Blog “Law & Nature Dialogue”	Paul Govind , Centre for Environmental Law, Macquarie University
	Chair: A/Prof Nengye Liu , Director, Centre for Environmental Law, Macquarie University	
9.30am – 11am	Special Panel on the Protection of the Southern Ocean Chair: Prof Jianye Tang , College of Marine Science, Shanghai Ocean University, China	
	Topic: Leadership in Conserving the Global Commons: Protecting the Ross Sea, Antarctica	Dr Cassandra Brooks (Assistant Professor, Environmental Studies Program, University of Colorado Boulder, United States)
	Topic: The NGOs’ Role in the Establishment of MPAs in the Southern Ocean	Nicole Bransome (Officer, The Pew Charitable Trusts, United States)
	Topic: Key Considerations for High Seas Conservation: Lessons from CCAMLR and OSPAR	Emily Nocito (PhD Candidate, Environmental Studies Program, University of Colorado Boulder, United States)
	Topic: Regulating Research Fishing in the Southern Ocean MPAs, a Comparative Lesson	A/Prof Nengye Liu (Centre for Environmental Law, Macquarie University, Australia)
2pm – 3.30pm	Indigenous Stewardship and Decolonial Approaches Chair: Prof Afshin Akhtar-Khavarj , School of Law, Queensland University of Technology, Australia	
	Topic: A Space for Other Paths: The Role of International Human Rights in Empowering Indigenous Perspectives in Biodiversity Conservation	Dr Jonathan Liljeblad (Senior Lecturer, College of Law, Australian National University, Canberra)

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	Topic: Living in Harmony with Nature in a post-pandemic scenario: Comparative Lessons from Nature	Maria Antonia Tigre (Director, Latin America, Global Network for the Study of Human Rights and the Environment, New York, United States)
	Topic: North-South Dialogue on Territorial Policies and Narratives: Insights for New Strategies towards the post-2020 Global Biodiversity Framework	Prof Belen Pedregal (Professor, Human Geography Department, University of Sevilla, Spain) & Pamela Degele (PhD Candidate, National Council for Scientific and Technical Research, Universidad Nacional de Cuyo, Argentina)
	Topic: Global Solidarity as General Principle Applicable to The Conservation and Sustainable Use of Marine Biological Diversity of Areas Beyond National Jurisdiction	Prof Otto Spijkers (Professor of International Law, China Institute of Boundary and Ocean Studies, Wuhan University)
5pm – 6.30pm	Keynote Panel: Transformative Pathways to “Living in Harmony with Nature” Chair: Dr Michelle Lim , Senior Lecturer, Macquarie Law School, Macquarie University, Australia Panellists: <ul style="list-style-type: none"> • H.E. Arif Havas Oegroseno, Ambassador of the Republic of Indonesia to the Federal Republic of Germany • Dr Anne Poelina, Managing Director of Madjulla Incorporated, Nyikina Traditional Custodian from the Mardoowarra Lower Fitzroy River in the West Kimberley Region of Western Australia • Prof Belinda Reyers, Research Chair in Sustainability Science, Future Africa, University of Pretoria, South Africa • Prof Tianbao Qin, Director, Research Institute of Environmental Law, Wuhan University, China 	

Day 2: Wednesday 7 July 2021

Time	Sessions	Speakers
9am – 11am	Exploring the Role of the BBNJ Agreement in bolstering Ocean Resilience to Climate Change and achieving 30x30 Ambition Chair: H.E. Ambassador Janine Coye-Felson , Melbourne Sustainable Society Institute, Australia	
	Topic: The Importance of MPAs for Building Ocean Resilience: The Science that Underpins the “30x30” Target	Prof Callum Roberts (Professor of Marine Conservation, Centre for Ecology and Conservation, University of Exeter, United Kingdom)
	Topic: The Wider Role of the Biodiversity Conservation and the BBNJ Treaty in Tackling the Climate Crisis	Dr Diva Amon (Marie Curie Fellow, Natural History Museum, London, United Kingdom)
	Topic: Building Ocean and Institutional Resilience through Enhanced Cooperation and Coordination, including between	Kristina Gjerde (Senior High Seas Advisor, IUCN)

To Program [Day 1](#), [Day 2](#), [Day 3](#)

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	CBD and a Future BBNJ Agreement	
	Topic: How the BBNJ Treaty can Help Deliver a Global Target to Protect 30% of the Ocean by 2030	Nichola Clark (Officer, The Pew Charitable Trust and PhD Candidate, Australian National Centre for Ocean Resources and Security, University of Wollongong, Australia)
	Topic: Translating Global Ambition into Action towards the Goal of "Living in Harmony with Nature"	Gwendalyn Sisor (Coordinator, Environmental Planning & Coordination Unit within the Office of the Minister of the Ministry of Agriculture, Fisheries, and the Environment, Republic of Palau)
2pm – 3.30pm	Reimagining Area-based Management Approaches Chair: Dr Maina Mbui , Department of Earth and Environmental Sciences, Macquarie University	
	Topic: Climate Refugia and Futures Approaches to Law: Protecting Nature in a Changing World	Paul J Govind (Lecturer, Centre for Environmental Law, Macquarie University, Australia), Dr Michelle Lim (Senior Lecturer, Centre for Environmental Law, Macquarie University, Australia) & Dr Phillipa McCormack (Lecturer, School of Law, University of Tasmania, Australia)
	Topic: Beyond Protected Areas: 'Other Effective Area-based Conservation Measures' and the Conserved Areas Paradigm	Harry Jonas (Founder and Director of Future Law, Malaysia)
	Topic: Bridging EIA and Biodiversity: A study of the Andaman and Nicobar Islands in India	Nabeela Siddiqui (PhD Candidate, CHRIST University, Delhi-NCR, India)
	Topic: A Tale of Two Species	Prof Mark Squillace (Raphael J. Moses Professor of Natural Resources Law, the University of Colorado Law School, United States) & Dr Brad Jessup (Senior Lecturer, Melbourne Law School, University of Melbourne, Australia)
7pm – 9pm	Legal Approaches to Biodiversity in the Anthropocene Chair: A/Prof Peter Davies , Centre for Environmental Law/Department of Earth and Environmental Sciences, Macquarie University, Australia	
	Topic: Successful Climate Adaptation or an Invasive Species Fail? Legal Responses for Conserving Species on the Move	Dr Phillipa McCormack (Lecturer, School of Law, University of Tasmania, Australia)

To Program [Day 1](#), [Day 2](#), [Day 3](#)

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	Topic: Governing Emerging Technologies for Biodiversity: Opportunities and Challenges to the Post-2020 Global Biodiversity Framework	<p>Dr Florian Rabitz (Senior Researcher, Kaunas University of Technology, Lithuania) &</p> <p>Dr Elsa Tsioumani (Marie Curie Fellow, University of Trento, Italy)</p>
	Topic: Transformative Change Towards a World Living in Harmony with Nature – What Prospects for the Convention on Biological Diversity and the Proposed Post-2020 Global Biodiversity Framework	<p>Dr Michelle Lim (Senior Lecturer, Centre for Environmental Law, Macquarie University, Australia)</p>
	Topic: Ethical Reflections and Normative Responses to the New Science of De-extinction	<p>Youmin Lian (PhD Candidate, Research Institute of Environmental Law, Wuhan University, China)</p>
	Topic: Understanding Scientific Uncertainty in Governance of Biodiversity	<p>Prof Mariolina Eliantonio (Professor in European and Comparative Administrative Law and Procedure, Maastricht University, The Netherlands),</p> <p>Dr Emma Lees (Reader in Environmental and Property Law, University of Cambridge, United Kingdom) &</p> <p>Dr Tina Paloniitty (Postdoctoral Fellow, Eric Castrén Institute and Helsinki Institute of Sustainability Science, University of Helsinki, Finland)</p>

Day 3: Thursday 8 July 2021

Time	Sessions	Speakers
9am – 10.30am	Conservation of Marine Biodiversity within and beyond National Jurisdiction Chair: Associate Professor Nenqye Liu , Centre for Environmental Law, Macquarie University	
	Topic: Coral reefs of the High Seas: Hidden Biodiversity Hotspots in Need of Protection	<p>Dr Daniel Wagner (Ocean Science Advisor, Conservation International, United States)</p>
	Topic: The Possible Contributions of the Future BBNJ Legally Binding Instrument to Biodiversity Litigation	<p>Prof Carina Oliveira (School of Law, University of Brasilia, Brazil)</p>
	Topic: Applying International Marine Environment and Biodiversity	<p>Millicent McCreath</p>

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	Protection Obligations within National Jurisdiction	(PhD Candidate, Faculty of Law and Justice, UNSW Sydney, Australia)
	Topic: Protection of Coral Reef Ecosystem under Convention on Biological Diversity: Review of China's Performance from Domestic Regulatory Efforts	Prof Yi Tang (Dean, College of Marine Culture and Law, Shanghai Ocean University), Haoran Yang (Master Candidate) & Dr Yanxuedan Zhang (Lecturer, Shanghai Ocean University, China)
2pm – 3.30pm	Access and Benefit Sharing Chair: Prof Shawkat Alam , Macquarie University, Australia	
	Topic: The Development of Environmental Rights for Biodiversity Conservation in Southeast Asia	Matthew Baird and Roger Joseph Guzman (Director and Deputy Director, Asian Research Institute for Environmental Law, Bangkok, Thailand)
	Topic: Indian Sui-Generis Agro-Biodiversity Legal Framework- Lessons for an Inclusive Global Model	Dr Deva Prasad (Assistant Professor of Law, Indian Institute of Management, Kozhikode, Kerala, India)
	Topic: Access and Benefit Sharing and Protection of Traditional Knowledge: A Legal Analysis of Indian Biodiversity Regime	Dr Stellina Jolly (Assistant Professor, Faculty of Legal Studies, South Asian University, New Delhi, India)
	Topic: Valuation of Genetic Resources on Aquatic Species: a Conceptual Perspective	Jinglin Fan (Master Candidate), Prof Yi Tang (Dean, College of Marine Culture and Law, Shanghai Ocean University) & Dr Yanxuedan Zhang (Lecturer, Shanghai Ocean University, China)
7pm – 9pm	Enhancing Enforcement, Implementation, and Compliance Chair: Prof Lee Godden , Melbourne Law School, University of Melbourne, Australia	
	Topic: Providing Remedies for Biodiversity through Conservation Litigation, The Case of Indonesia	Rika Fairini (Researcher, Indonesian Centre for Environmental Law, Jakarta, Indonesia)
	Topic: Australia's Role in Ending Global Deforestation – Moving beyond Illegal Logging Legislation	Dr Hannah Harris (Lecturer, Centre for Environmental Law, Macquarie

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		University, Australia)
	Topic: Towards an ESG-Driven Standard in Global Biodiversity Governance: Is Corporate Mandatory Due Diligence a cure in Supply Chains?	A/Prof Qinqxiu Bu (Sussex Law School, University of Sussex, United Kingdom)
	Topic: Linking Green Deals with Brazilian National Policy on Payments for Environmental Services	Prof José Maria Zancocchi (Federal University of the State of Ceará, Brazil)
	Topic: Rethinking Fragmentation within the Biodiversity Regime: Compliance in a post-2020 Biodiversity Framework	Julieta Sarno (PhD Candidate, Leuphana Universität Lüneburg, Germany)

Presenter Bios

Special guests and panellists

Prof Lesley Hughes

**Pro Vice-Chancellor (Research Integrity and Development), Distinguished Professor of Biology
Macquarie University**



Lesley Hughes is Distinguished Professor of Biology and Pro Vice-Chancellor (Research Integrity & Development) at Macquarie University. She has been researching the impacts of climate change on species and ecosystems for more than 20 years. She is a former Lead Author in the IPCC's 4th and 5th Assessment Report, a former federal Climate Commissioner and now a Councillor with the Climate Council of Australia. She is also a member of the Wentworth Group of Concerned Scientists and a Director of WWF-Australia.

H.E. Arif Havas Oegroseno

Ambassador of the Republic of Indonesia to the Federal Republic of Germany



Ambassador Arif Havas Oegroseno is currently Ambassador of the Republic of Indonesia to the Federal Republic of Germany (2018 – present). He was Deputy Coordinating Minister for Maritime Sovereignty Affairs at the Coordinating Ministry for Maritime Affairs, Republic of Indonesia (2015 -2018). He was the President of the 20th Meeting of State Parties to the United Nations Convention on the Law of the Sea, the Director-General for Law and International Treatise (Legal Advisor) of the Ministry of Foreign Affairs, and Indonesian Ambassador to Belgium, Luxembourg, and the European Union from 2010 to 2015.

Dr Anne Poelina
Managing Director
Madjulla Incorporated, Nyikina Traditional Custodian from the Mardoowarra Lower Fitzroy River in the West Kimberley Region of Western Australia



Dr Anne Poelina is a Nyikina Warrwa (Indigenous Australian) woman in the Kimberley region of Western Australia. Poelina is an active Indigenous community leader, human and earth rights advocate, filmmaker and a respected academic researcher, with a Doctor of Philosophy, Master of Public Health and Tropical Medicine, Master of Education, Master of Arts (Indigenous Social Policy) recently submitted a PhD (Health Science) titled, 'Martuwarra First Law Multi-Species Justice Declaration of Interdependence: Wellbeing of Land, Living Waters, and Indigenous Australian People'. Signatory to the Redstone Statement (2010), Peter Cullen Fellow (2011). Elected Chair of the Martuwarra Fitzroy River Council (2018), Adjunct Professor and Senior Research Fellow with Notre Dame University.

Prof Belinda Reyers
Research Chair in Sustainability Science, Future Africa
University of Pretoria, South Africa



Prof Belinda Reyers holds the Research Chair in Sustainability Science at Future Africa. She is also a senior advisor on Resilience and Development at Stockholm Resilience Centre, Stockholm University, Sweden and an Extra-ordinary Professor at the University of Stellenbosch. Together with regional and international collaborators from research and practice, Prof Reyers's research explores the contribution of theories, methods and evidence from social-ecological systems research and sustainability science to the development challenges facing Africa. Her work focuses on exploring the role of social-ecological feedbacks, cross-scale dynamics, non-linearities, and resilience capacities in achieving sustainable and equitable futures.

Prof Tianbao Qin
Director, Research Institute of Environmental Law
Wuhan University, China



Prof. QIN Tianbao is a National Changjiang (Cheung Kong) Scholar and LuoJia Distinguished Professor of Law. He is the Director of the Research Institute of Environmental Law (RIEL), Deputy Director of the Research Centre of the Supreme Court of China on Environmental-related Judicial Theory, Professor of the China Institute of Boundary and Ocean Studies and the European Studies Centre, Wuhan University; Editor-in-Chief of the Chinese Journal of Environmental Law (Brill); Member and Vice Chair of the Compliance Committee of the Nagoya Protocol on ABS. He was Vice Dean for the School of Law and was Deputy Chief Judge of the Environmental Chamber of the Supreme Court of China.

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Speakers

Prof Belen Pedregal
Professor, Human Geography
Department, University of Sevilla, Spain



Belen Pedregal is professor at the Human Geography Department of the University of Seville (Spain), where she has coordinated the master's degree in Spatial Planning and Local Development. She holds a M.A. with focus on cartography and regional planning from Northwestern University (IL, USA) and a PHD in Geography from the University of Seville.

She has been collaborating in numerous national and international projects related to population migration, water management, environmental justice and spatial planning. She is currently leading the Project 'Collaborative mapping of water conflicts in Andalusia' <https://redandaluzaaqua.org/mapa/> and participating in a Lifewatch Eric Project on Scientific Infrastructures for Global Change Monitoring and Adaptation in Andalusia (Spain).

Dr Brad Jessup
Senior Lecturer
Melbourne Law School, University of Melbourne, Australia



Dr Brad Jessup is a Senior Lecturer at Melbourne Law School and a member of The University of Melbourne's Centre for Resources, Energy and Environmental Law. Brad teaches environmental law and green business subjects while researching planning and environmental legal controversies using his twin disciplines of law and geography. Brad's research offers global, national, comparative and local perspectives and has included projects on protected areas, valued habitats and iconic and threatened species.

Prof Callum Roberts
Professor of Marine Conservation, Centre for Ecology and Conservation
University of Exeter, United Kingdom



Callum Roberts is Professor of Marine Conservation in the Centre for Ecology and Conservation at the University of Exeter's Cornwall campus. His research focuses on threats to marine ecosystems and species and on finding the means to protect them. His main interests include documenting the impacts of fishing on marine life, both historic and modern, and exploring the theory and practical effectiveness of marine protected areas for conservation and fisheries management. For the last few decades he has used science to make the case for stronger protection for marine life at both national and international levels.

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Prof Carina Oliveira
Professor of International and Environmental Law
School of Law, University of Brasilia, Brazil



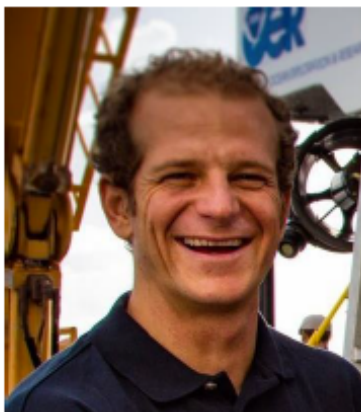
Carina Costa de Oliveira. Professor of International and Environmental Law, Law Faculty, University of Brasília, Brazil. Visiting Scholar at the C-EENRG, University of Cambridge and the University of Adelaide, Australia. PhD in International Law, Panthéon-Assas, France. Coordinator of the Research group on Law, Natural Resources and Sustainability (Gern-UnB- <http://www.gem.ndsr.org/>). Organizer of some books on Marine Environment and Law on topics such as: exploration and exploitation on the coastal zone, on the continental shelf and on the deep seabed (2015 to 2021). Research areas: public and private international law, environmental law, conservation and sustainable use of marine resources.

Dr Cassandra Brooks
Assistant Professor, Environmental Studies Program
University of Colorado Boulder, United States



Cassandra Brooks is an Assistant Professor in Environmental Studies at the University of Colorado Boulder. She draws on a diversity of disciplines including marine science, environmental policy, and science communication to study and seek solutions to pressing environmental problems. She has a passion for Antarctica, with the last fifteen years of her career focused on marine science and conservation in the region.

Dr Daniel Wagner
Ocean Science Advisor
Conservation International, United States



Daniel Wagner serves as the Ocean Science Advisor for Conservation International, where he coordinates scientific research in support of large-scale marine conservation, particularly in areas beyond national jurisdiction. Over the last 20 years, Daniel has led marine scientific studies in support of resource management for various U.S. federal and state organizations, non-governmental organizations, and academic institutions, and has participated in over 25 multi-disciplinary research expeditions that explored remote ocean habitats throughout the globe. Daniel obtained his Ph.D. in Biological Oceanography from the University of Hawaii.

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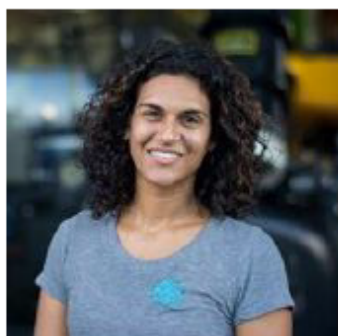
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Prof Deva Prasad
Assistant Professor of Law
Indian Institute of Management, Kozhikode, Kerala, India



Dr. Deva Prasad. M currently holds Assistant Professor of Law position at Indian Institute of Management, Kozhikode. His current research interest includes Environmental law Corporate Law, and Intellectual Property Rights Law. He holds an LLM from National Law School of India University, Bangalore and Ph.D. from National University of Juridical Sciences, Kolkata. Prior to his present position, he worked as Assistant Professor in NLSIU, Bangalore. He has published research works in national and international journals (including Environmental Policy and Law, International Journal of Law and Information Technology, Economic and Political Weekly, Statute Law Review, Space Policy).

Dr Diva Amon
Marie Curie Fellow
Natural History Museum, London



Dr Diva Amon is a marine biologist focused on the little-known habitats and animals of the deep ocean, and how our actions are impacting them. She works at the nexus of science, policy and communication and has a deep desire to see stewardship measures applied to the deep ocean as well as the engagement of a broader group of global stakeholders towards this effort. In 2013, she completed her PhD at the University of Southampton, UK, after which, she spent three years at the University of Hawai'i, USA, researching the abyssal fauna of the Clarion-Clipperton Zone. Diva then undertook a Marie Skłodowska-Curie research fellowship at the Natural History Museum in London. Diva has participated in research cruises around the world, exploring previously unknown deep-sea habitats from Antarctica to the Mariana Trench. She has recently spoken at the United Nations and the Nobel Prize, as well as filmed with National Geographic, BBC and CNN, to name

just a few. Diva is a [2020 National Geographic Emerging Explorer](#), a [Pew-Bertarelli Ocean Ambassador](#), and a [World Economic Forum Friend of Ocean Action](#). Dr. Amon is also a founder and director of SpeSeas, an NGO dedicated to marine science, education, and advocacy in home country of Trinidad and Tobago.

Dr Elsa Tsioumani
Marie Curie Fellow
University of Trento, Italy

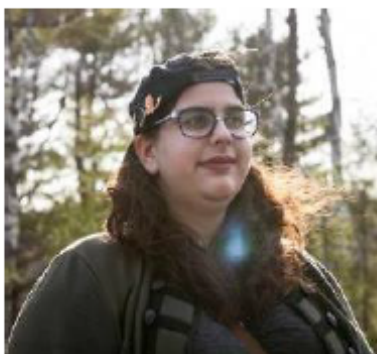


Elsa Tsioumani is an international lawyer based in Thessaloniki, Greece, specializing in international environmental law and policy. She has held research positions in academia, and has served as a legal consultant for several international and non-governmental organizations. She has recently won an EC Marie Skłodowska-Curie fellowship, and will be investigating the governance of synthetic biology at the University of Trento, Italy.

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Emily Nocito
PhD Candidate, Environmental Studies Program
University of Colorado Boulder, United States



Emily Nocito is a PhD candidate in the Environmental Studies Program at the University of Colorado- Boulder. A New Jersey native, she received her BS from Stony Brook University in Coastal Sciences (2016), and then went on to receive her MS from the University of Maine in Marine Policy (2018), where she studied marine protected areas in areas beyond national jurisdiction. Her research interests include marine sciences, international environmental policy, and science communication. Currently, Emily is studying high seas governance via CCAMLR and the BBNJ treaty.

Dr Emma Lees
Reader in Environmental and Property Law
University of Cambridge, United Kingdom



Emma Lees is Reader in Environmental and Property Law at the University of Cambridge and a fellow of Fitzwilliam College. Her research focuses on environmental and land law broadly defined. In particular, her environmental law research focuses on the role of courts in adjudicating on environmental law issues, and on the national and European rules shaping this judicial role. She has published widely, including a recent monograph with Hart Publishing (with O W Pedersen) and a sole-authored land law textbook, *The Principles of Land Law* with OUP.

Dr Florian Rabitz
Senior Researcher
Kaunas University of Technology, Lithuania



Florian Rabitz is a senior researcher in the Research Group Civil Society and Sustainability of Kaunas University of Technology and the principal investigator of the project "institutional adaptation to technological change", financed by the Research Council of Lithuania. He specializes in international institutions and global environmental governance, with specific emphasis on technological questions.

Gwendalyn Sisior

Coordinator, Environmental Planning & Coordination Unit within the Office of the Minister of the Ministry of Agriculture, Fisheries, and the Environment, Republic of Palau



Gwendalyn Sisior serves as the EPCU Coordinator in the Environmental Planning & Coordination Unit within the Office of the Minister of the Ministry of Agriculture, Fisheries, and the Environment in the Republic of Palau. She is responsible for overseeing the planning, development, and coordinated implementation of grants at the Ministry level. Gwen also negotiates on behalf of Palau in the Convention on Biological Diversity where she has pushed for more emphasis on marine and invasive species issues as well as increased support for Small Island Developing States in the implementation of the convention. Her unique position allows her to translate the decisions and outcomes at the international level to actual work on the ground through projects to ensure that Palau achieves its biodiversity priorities but, at the same time, meets its obligations under the CBD convention.

Dr Hannah Harris

Lecturer

Centre for Environmental Law, Macquarie University



Dr Hannah Harris is the Deputy Director of the Centre for Environmental Law. She researches in the fields of transnational law, governance and corporate regulation. Her research on illegal logging and deforestation seeks solutions to the challenges of biodiversity loss and habitat destruction that result from such activities. Current projects explore the development and application of robust tools for supply chain governance, implementation and enforcement of domestic legislation that is responsive to transnational challenges, and the importance of measuring progress towards a more resilient and vibrant planet. Dr Harris' research findings demonstrate the need for collaboration between government, industry and civil society to build a future where forests are protected and human interactions with nature are governed by the pursuit of a symbiotic relationship between society, economy and environment.

Harry Jonas

**Founder and Director
Future Law, Malaysia**



Harry Jonas is an international lawyer dedicated to inclusive, equitable and effective conservation. After founding Natural Justice in South Africa to work on issues at the nexus of human rights and the environment, he initiated and facilitated the global process to define and develop technical guidance on 'other effective area-based conservation measures' (OECMs), thereby contributing directly to the adoption of a CBD decision through a participatory process. He is a founder and director of Future Law and Co-chair of the IUCN Specialist Group on OECMs.

Haoran Yang
Master Candidate
Shanghai Ocean University, China



Yang Haoran is a master student majoring in fishery & environment protection and management at the School of Marine Culture and Law, Shanghai Ocean University. He focuses his research on conservation and sustainable use of biodiversity. His current research interests are conservation measures for coral reefs in international and national context. Two papers are expected to be produced very soon. He has participated in several academic conferences, including China Marine Public Administration Forum and the Annual Conference of China Society of International Law.

Jingling Fan
Master Candidate
Shanghai Ocean University, China



Fan Jingling is a master candidate majoring in fishery resources in the College of Marine Culture and Law, Shanghai Ocean University. Her main research interests are in the conservation and sustainable development of aquatic biodiversity. She currently involves in project which tries to clearly define the concept of aquatic biodiversity and establish economic models to analyze the economic benefits for maintenance of aquatic biodiversity. She has also participated several national and provincial level projects primarily on marine environment management and sustainable development.

Dr Jonathan Liljeblad
Senior Lecturer
College of Law, Australian National University, Canberra



Jonathan Liljeblad holds a PhD and JD, both from the University of Southern California, and a BS from the California Institute of Technology. He is currently Senior Lecturer at the Australian National University College of Law. His research interests encompass human rights, indigenous rights, environment, and rule-of-law. Since 2014 most of his field work has been in Myanmar, where he has served as a consultant for the International Commission of Jurists, Danish Institute of Human Rights, and the United Nations Development Programme. He is a member of the Pa'Oh indigenous peoples of Shan State, Myanmar, and grew up in Sweden and the United States.

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Prof José Maria Zanicchi
Federal University of the State of Ceará, Brazil



Lawyer, professor and PhD candidate affiliated with the Federal University of Ceará (UFC), Brazil. Author of the book "The protection of the environmental in the international trade", Lumen Juris (2020) and member of UFC Environmental Taxation Research Group.

Julieta Sarno
PhD Candidate
Leuphana Universität Lüneburg, Germany



After completing her law studies at the University of Buenos Aires, Julieta Sarno initially worked as an attorney in one of Argentina's leading law firms. She changed afterwards to the public sector working first for the Government of the City of Buenos Aires and later for the National Secretary of Environment and Sustainable Development, representing the country in different international forums. She holds a postgraduate degree from University of California, Berkeley School of Law. Since December 2019 she works as a researcher and lecturer at Leuphana Universität Lüneburg while writing her doctoral thesis in international environmental law.

Kristina Gjerde
Senior High Seas Advisor
IUCN



Kristina M. Gjerde is Senior High Seas Advisor to IUCN's Global Marine and Polar Programme and adjunct professor at the Middlebury Institute of International Studies at Monterey, California, where she teaches international marine law. For the past 20+ years, Kristina has focused on the nexus of the law, science and policy relating to sustaining marine biodiversity beyond national jurisdictions and authored or co-authored over 150 publications, many with leading ocean scientists. To advance science-based progress, Kristina co-founded and currently serves on the boards of four initiatives: Deep Ocean Stewardship Initiative (DOSI), a multidisciplinary scientific partnership, Global Ocean Biodiversity Initiative, Sargasso Sea Project and the High Seas Alliance. Kristina is also a member of the Interim Advisory Board of the UN Decade of Ocean Science, an advisor to the Schmidt Ocean Institute and the iAtlantic project, and an honorary fellow of the School of Geosciences at the University of Edinburgh.

Kristina received her Juris Doctor from New York University School of Law with a focus on comparative and international law, and practiced admiralty law for several years in a New York City law firm. She currently lives in Cambridge, Massachusetts.

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Prof Mark Squillace
Raphael J. Moses Professor of Natural Resources Law
University of Colorado Law School, United States



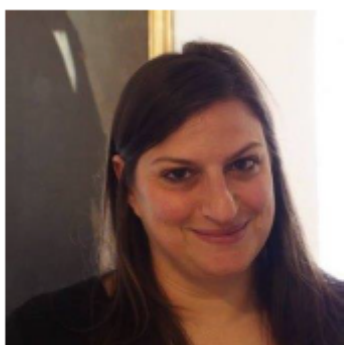
Mark Squillace is the Raphael J. Moses Professor of Natural Resources Law at the University of Colorado Law School. His teaching and research focus on environmental and natural resources law and policy. He has worked as a lawyer for the U.S. Department of the Interior, and in 2000 was appointed Special Assistant to the Interior Solicitor where he worked directly with Interior Secretary Bruce Babbitt. Professor Squillace is a former Fulbright scholar and the author or co-author of numerous articles and books on water resources law, public lands, and environmental and natural resources law and policy.

Maria Antonia Tigre
Director, Latin America
Global Network for the Study of Human Rights and the Environment, New York,
United States



Maria Antonia Tigre is the Director of Latin America for the Global Network for the Study of Human Rights and the Environment (GNHRE). Through GNHRE, she has increasingly focused her efforts on human rights-based climate litigation in Latin America. She is also a coordinator of the human rights group, with a particular focus on ecological rights, for the Global Pandemic Network (GPN), a community of scholars created to debate legal aspects associated with pandemics. Ms. Tigre is currently finishing her S.J.D. in international environmental law at the Elisabeth Haub School of Law at Pace University. Her research focuses on the current state of global environmental crises and the development of potential new legal solutions through philosophical, religious, and legal arguments.

Prof Mariolina Eliantonio
Professor in European and Comparative Administrative Law and Procedure
Maastricht University, Netherlands



Mariolina Eliantonio is a Professor in European and Comparative Administrative Law and Procedure at Maastricht University. She works on questions of effective judicial protection before national and European courts, and on the topic of access to courts, with a specific focus on environmental matters and the Aarhus Convention. She has published several special issues in the field of European institutional and administrative law and is the co-editor of a casebook on Judicial Review of Administrative Action, and of an edited collection of EU soft law before the national courts and public administrations, both with Hart Publishing.

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Matthew Baird
Director
Asian Research Institute for Environmental Law, Bangkok, Thailand



Matthew Baird is an environmental lawyer with over 30 years experience. He has worked extensively in the ASEAN region with UNEP, ADB, IFC, Vermont Law School, the European Union and USAID. He is the Director the Asian Research Institute for Environmental Law. He is a Visiting Scholar at Vermont Law School, a Honorary Research Fellow with the Myanmar Centre for Responsible Business, a Fellow of the Environment Institute of Australia and New Zealand, the former Deputy Chair of the Environmental Law Committee of LAWASIA and a member of the World Commission on Environmental Law. He is currently completing his doctorate at the University of Southern Queensland on a comparative review of environmental impact assessment in ASEAN.

Dr Michelle Lim
Senior Lecturer
Centre for Environmental Law, Macquarie University



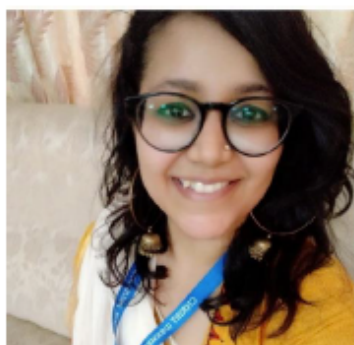
Dr Michelle Lim's interdisciplinary scholarship occurs at the intersection between biodiversity conservation and sustainable livelihoods. Dr Lim's work focuses on futures-oriented biodiversity law research aimed at advancing equity and sustainability under conditions of unprecedented environmental change. Dr Lim was a fellow on the Global Assessment of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) and an author of the first IPBES/IPCC co-sponsored workshop report. Dr Lim is a Board Member of the National Environmental Law Association. She was awarded the 2016/2017 Law Council of Australia Mahla Pearlman Australian Young Environmental Lawyer of the Year Award.

Millicent McCreath
PhD Candidate
Faculty of Law and Justice, UNSW Sydney, Australia



Millicent McCreath is a Scientia PhD candidate and Teaching Fellow at the UNSW Sydney Faculty of Law and Justice. She was previously a Research Associate with the Oceans Law and Policy programme at the National University of Singapore Centre for International Law. In 2016 Millicent was Tipstaff (judicial clerk) at the Land and Environment Court of New South Wales. Millicent has a BA (Environmental Studies)/LLB (Hons) from UNSW and LLM (Law of the Sea) from the University of Tromsø.

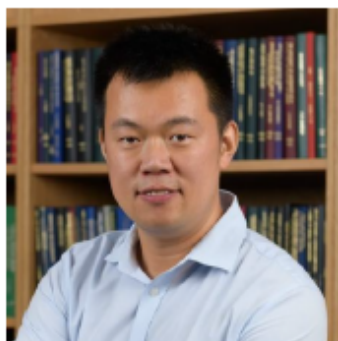
Nabeela Siddiqui
PhD Candidate
CHRIST University, Delhi-NCR, India



Nabeela Siddiqui is a Doctoral Candidate at CHRIST (Deemed to be University), Delhi-NCR. Her research revolves around Water Conflicts.

She was awarded the prestigious President of India, Dr. Shankar Dayal Sharma Gold medal, The Innes Prize, The Carmichael Prize, and The V. Suresham Memorial Award for her masters (LL.M.). She has previously worked at National Law University, Jabalpur, and the National Green Tribunal, Principal Bench, New Delhi. Her interests include Constitutional Law, Environmental Law, and Feminist Jurisprudence. She is an active member of The Global Network for Human Rights and the Environment (GNHRE) and The International Society for Therapeutic Jurisprudence (ISTJ).

A/Prof Nengye Liu
Director, Centre for Environmental Law
Macquarie University



Dr Nengye Liu is Associate Professor and Director of the Centre for Environmental Law at Macquarie University, Sydney, Australia. A/Prof Liu is the lead editor of two books: "The European Union and the Arctic" (Brill, 2017), "Governing Marine Living Resources in the Polar Regions" (Edward Elgar, 2019), and has published more than 50 refereed journal articles and book chapters. A/Prof Liu has presented research results in more than 30 countries across five continents. He is currently the Co-Chair of International Environmental Law Interest Group, American Society of International Law.

Nichola Clark
Officer
The Pew Charitable Trust and PhD Candidate, Australian National Centre for Ocean Resources and Security, University of Wollongong



Nichola A. Clark is an Officer on the Protecting Ocean Life on the High Seas team at the Pew Charitable Trusts, where she follows the negotiations for the new high seas treaty. Nichola is also a PhD candidate at the University of Wollongong's Australian National Centre for Ocean Resources and Security (ANCORS) where her research focuses on area-based management tools and institutional arrangements for the BBNJ agreement. Nichola is also a member of the sixth cohort of Homeward Bound, a global leadership program for women in STEM. Prior to ANCORS and Pew, Nichola worked on international fisheries issues at the National Oceanic and Atmospheric Administration (NOAA) and also on deep-sea and high-seas research at the Institute for Advanced Sustainability Studies. She received her Masters degree in Environmental Management from Duke University.

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Nicole Bransome
Officer
The Pew Charitable Trusts, United States



Nicole Bransome works on The Pew Charitable Trusts's Protecting Antarctica's Southern Ocean project, which focuses on conserving an area that encompasses 10% of the world's ocean through the creation of a network of large-scale marine protected areas (MPAs) around Antarctica. Since joining Pew in 2014, she helped secure an MPA designation for Antarctica's Ross Sea; an extension of an ecosystem-based management measure for the Antarctic krill fishery; and 100% observer coverage on krill fishing vessels. Bransome holds a bachelor's degree in biology, ecology, behavior and evolution from the University of California, San Diego's Division of Biological Sciences.

Prof Otto Spijkers
Professor of International Law
China Institute of Boundary and Ocean Studies, Wuhan University



Otto Spijkers is professor of international law at Wuhan University's [China Institute of Boundary and Ocean Studies](#) as well as its [Research Institute of Environmental Law](#), and founding staff member of its [International Water Law Academy](#). He is managing editor of the [Chinese Journal of Environmental Law](#). Prior to joining Wuhan University, he worked at the [Utrecht Centre for Water, Oceans and Sustainability Law](#) (Netherlands). He was visiting lecturer inter alia at Peking University Law School, Xiamen University's China International Water Law Programme, the Università degli Studi di Salerno (Italy), and the Université Catholique d'Afrique Centrale (Yaoundé, Cameroon). He wrote his doctoral dissertation, entitled [The United Nations, the Evolution of Global Values and International Law](#), at the Grotius Centre for International Legal Studies of Leiden University.

Pamela Degele
PhD Candidate, National Council for Scientific and Technical Research
Universidad Nacional de Cuyo, Argentina



Pamela Degele is an anthropologist (UNICEN) and is currently completing a PhD in Land Use Planning and Sustainable Development (UNCUYO), supported by the National Council for Scientific and Technical Research of Argentina. She is a member of the IUCN World Commission on Protected Areas and the Social Science Working Group of the Society for Conservation Biology. She also belongs to the Women in Conservation for Latin América and the Caribbean network and participates in the Urban Mapuche Community "Pillan Manke". She specializes in issues of conservation, protected areas and land use planning from a critical and intercultural perspective with a focus on governance and public policies.

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Paul J Govind
Lecturer
Centre for Environmental Law, Macquarie University



Paul Govind is a Lecturer at Macquarie University, School of Law and an Executive Committee Member of the Centre for Environmental Law. Paul received his LLB from Macquarie University and his MPhil from the University of Sydney. He is currently finalising his PhD on 'Law and responsibility in the Anthropocene' which argues that an ethic of responsibility must be underpin Western legal systems to counterbalance the proliferation of rights. Recent conference papers and publications have looked at the themes of responsibility and extinction in the Anthropocene and the challenge for law in responding to the acceleration of extinction due to climate change.

Dr Phillipa McCormack
Lecturer
School of Law, University of Tasmania



Phillipa is a Lecturer in public law at the University of Tasmania, Australia. She researches in environmental law and public governance, with a particular focus on biodiversity conservation and climate adaptation. Phillipa's research tackles complex and urgent adaptation challenges such as: climate-driven species translocation ('species on the move'), adaptation-oriented ecological restoration, the role of law as climate change drives changes to wildfire regimes, and the application of conservation laws to invasive species management. Phillipa is a member of the Australian Forum for Climate Intervention Governance (AFCIG), the Institute for the Study of Social Change and the Centre for Marine Socioecology.

Prof Qingxiu Bu
Associate Professor
Sussex Law School, University of Sussex, United Kingdom



Qingxiu has published widely in a variety of areas of law, many of which are themed around law and global challenges, with a particular focus on the development of legal infrastructures in transnational law and global governance. He has previously been a lecturer in law at Cardiff Law School, Cardiff University (2007-08) and School of Law, Queen's University Belfast (2008-13), during which he taught Transnational Business Law at Centre of Transnational Legal Studies (CTLS), Georgetown University as Adjunct Professor. Qingxiu was appointed as Li Kashing Professor of Practice at Faculty of Law, McGill University in 2019. He has held visiting posts at various institutions, including Lund University, Sweden, University College Dublin, Ireland, Tel Aviv University, Israel and the Max Planck Institute for Comparative and International Private Law in Germany. He worked also as Docent at the Institute of Global Law and Policy (IGLP), Harvard Law School in January 2013 and 2014. Qingxiu has completed four projects funded respectively by the British Academy, Department for Business, Energy & Industrial Strategy (BEIS), Newton Fund, and British Council (PMI) during the past years. Qingxiu serves as a senator member at University of Sussex (1 August 2020-1 August 2022).

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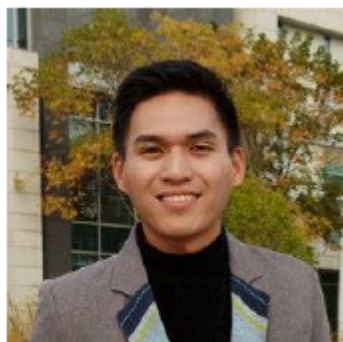
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Rika Fajrini
Researcher
Indonesian Centre for Environmental Law, Jakarta



Rika graduated from Universitas Indonesia law school in 2009 and finish her master program on environmental management in Kyoto University in 2017. She has been working as researcher at Indonesian Center for Environmental Law (ICEL) since 2013. Her works mainly focus on forestry and biodiversity law and environmental law enforcement in the court. In recent years her works focus on restoration-oriented environmental law enforcement. One of the project she is involved in is the WILDS project, a project lead by conservationists and legal scholars that aim to explore strategy to remedy harm to biodiversity through lawsuit, especially in the case of species-based harm like in illegal wildlife trade case.

Roger Joseph Guzman
Director and Deputy Director
Asian Research Institute for Environmental Law, Bangkok, Thailand



Roger Joseph (Rocky) Guzman is the Deputy Director of the Asian Research Institute for Environmental Law. He is an environmental lawyer and policy specialist with extensive background on oceans issues. Rocky has worked and conducted research on topics from fisheries management and plastic pollution to marine conservation and strengthening the rule of environmental law. He was previously the policy campaigner of Oceana in the Philippines, where he managed campaigns on sustainable fisheries and marine protected areas. He has also worked with the Asian Development Bank, Sustainable Ocean Alliance and ProtectedSeas. Rocky obtained his degrees in law and political science from the University of the Philippines.

Prof Stellina Jolly
Assistant Professor
Faculty of Legal Studies, South Asian University, New Delhi, India



Dr Stellina Jolly is a Senior Assistant Professor at the Faculty of Legal Studies, South Asian University (SAARC). She is a Visiting Senior Research Associate with the Centre for Emerging Countries in Private international law at the University of Johannesburg. A Fulbright Scholar, and a recipient of the International Visitors Leadership Program (IVLP) research in international environmental law and conflict of laws. She is a member of the IUCN World Commission on Environmental Law, and part of the Network of Environmental Champions, Asian Development Bank. Her books and writings include 'Climate Refugees in South Asia: Protection Under International Legal Standards and State Practices in South Asia' (Springer 2019); 'Private International Law: South Asian States' Practice,' (Springer 2017).

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Dr Tina Paloniitty
Postdoctoral Fellow
Eric Castrén Institute and Helsinki Institute of Sustainability Science, University of Helsinki, Finland



Tina Paloniitty, a Postdoctoral Fellow at the Eric Castrén Institute and Helsinki Institute of Sustainability Science, University of Helsinki, is specialised in the science and law interface of environmental law. Among her most recent publications is a co-authored article on the scientific and legal mechanisms addressing model uncertainties (Journal of Environmental Law, 2021) and upcoming works include monograph Law, Ecology and the Management of Complex Systems: The Case of Water Governance (Routledge 2021) and co-edited volume EU Environmental Principles and Scientific Uncertainty Before National Courts: the Case of the Habitats Directive (Eliantonio, Lees and Paloniitty (eds) Hart 2022). More: <https://researchportal.helsinki.fi/en/persons/tiina-paloniitty-n%C3%A9e-korvela>

Dr Yanxuedan Zhang
Lecturer
Shanghai Ocean University, China



Dr Yanxuedan Zhang is a lecturer in Shanghai Ocean University. She obtained a PhD degree from University College Dublin in 2017. She worked in the Fisheries Administration Bureau under the Ministry of Agriculture and Rural Affairs in 2018, primarily focusing on the revision of Fisheries Law of PRC and public interest litigation. She is also a part-time consultant in Sunshine Law Firm, specializing in the field of environmental protection. Her research includes environment regulation and fisheries law. She has been responsible for 12 research/consulting projects, and produced some valuable reports for the legislation and policy-making activities at international/national level.

Dr Yi Tang
Dean, College of Marine Culture and Law
Shanghai Ocean University, China



Dr Tang Yi is the professor and Dean of the College of Marine Culture and Law, Shanghai Ocean University. His teaching and research emphasis on the international and domestic laws and regulations, management systems and measures for the conservation and utilization of marine living resources, and fisheries resources economics. He has led over 40 research projects funded by National Planning Office of Philosophy and Social Science, Ministry of the Agriculture and Rural Affairs, etc., and is now leading the study efforts to amend the Fisheries Law of China, and to the reform of China's fisheries management.

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Youmin Lian
PhD Candidate
Research Institute of Environmental Law, Wuhan University, China



Lian Youmin, a PhD student from The Research Institute of Environmental Law, Wuhan University, China. She's major in environmental law and is mainly researching in biodiversity, genetic diversity, biotechnology, and wildlife protection areas. She has graduated from Beijing Forestry University with undergraduate degree and Graduate School of Chinese Academy of Social Sciences with Master degree in criminal law in 2018, and then served as a criminal lawyer and provided legal aid for two years. Moreover, she has been participated in animal rescue organizations for over ten years - ever since her high school.

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Melbourne Sustainable Society Institute, Australia



Prof Jianye Tang
College of Marine Science, Shanghai Ocean University, China



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Acknowledgements

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