

A dense, lush green forest with many trees and branches, serving as the background for the top half of the cover.

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EUROPEAN
SOCIETY OF
INTERNATIONAL
LAW

*IG ON INTERNATIONAL
ENVIRONMENTAL LAW*

REPORT ON THE ACTIVITIES OF THE

ESIL

IG ON INTERNATIONAL ENVIRONMENTAL LAW

(2019-2022)

INTRODUCTION

The ESIL Interest Group on International Environmental Law was formally **launched** after approval of the Executive Committee on the **2nd October 2009**, before the opening of the **ESIL-ASI Research Forum held in Helsinki** (Finland). The IG on International Environmental Law is one of the 16 Interest Groups of the ESIL and its **Coordinating Committee** is composed by the following Members: **Paolo Davide Farah, Josephine van Zeben, Martin Švec, Chamu Kuppuswamy, Daria S. Boklan.**

The Interest Group focuses on the **application of international law, public and private, to the resolution of environmental problems**. The ESIL Interest Group on International Environmental Law is an intergenerational and open forum where authoritative academics, young scholars, experienced practitioners, interested students as well as researchers concerned with the development of environmental protection at an international level can jointly discuss both its challenges and progress.

The International Environmental Law Interest Group may also explore the **interferences of environmental rules** in the spheres of **trade law** and international **peace and security**, as well as consider them within the general debate on the fragmentation of international law.

The establishment of an Interest Group on International Environmental Law is most relevant at this moment as a result of the paradox between the heightened concern of the international community on the impact of environmental change and the general assumption that legal endeavour is not being matched by either the necessary political will or industrial progress.

Lately, the **signature** of the **Paris Agreement** the **UN SDGs** and other successful outcomes at international level have given the international

community the certainty that the momentum for the **protection of the environment** and the fight against climate change had finally come.

The recent events at domestic and international level reveal a **significant risk of a step-back of the objectives and goals towards sustainable development** and this is making evident that the necessity to keep high attention on these very important societal values should never be underestimated. For all these reasons, the role of the ESIL IG on international environmental law can be very important to **raise awareness** through **conferences, workshops, research, publications** and **policy advise** on such relevant topics constantly on the spotlight. Moreover, the complexity of the world requires to shape

“ The Interest Group focuses on the application of international law, public and private, to the resolution of environmental problems ”

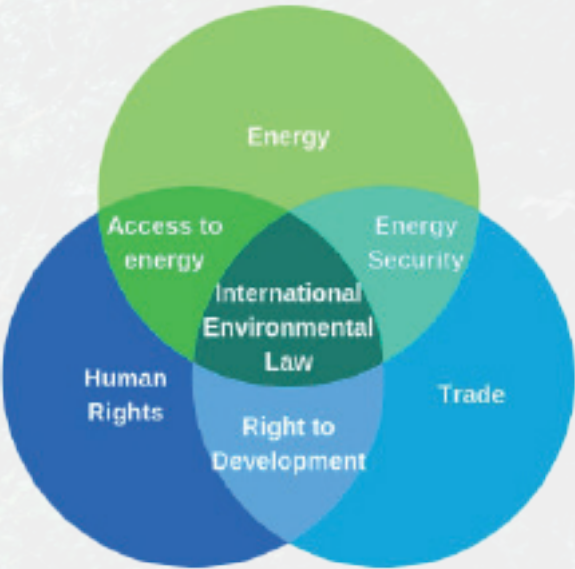
our scholarly and academic mission beyond the borders of international law and even beyond the borders of the legal field to bring **multidisciplinary responses to multilevel and multiscale problems**.

The ESIL IG on international environmental law is ready to face this challenge and to move forward in the light of the principles of **international law on sustainable development**.

The Interest Group on International Environmental Law have exponentially increased its membership. Different Activities are already planned for the Period 2021-2022 in the areas of **International Environmental Law, Climate change, Energy** and **Global Governance**.

The following report presents the **results**

achieved in the covered period and anticipate some of the **activities foreseen** for the near future.



COORDINATING COMMITTEE

Members of the **Coordinating Committee** are elected for **four-year terms** and may be re-elected.

				
PAOLO D. FARAH	JOSEPHINE VAN ZEBEN	MARTIN ŠVEC	CHAMU KUPPUSWAMY	DARIA S. BOKLAN
West Virginia University, USA and gLAWcal - Global Law Initiatives for Sustainable Development,UK	University of Oxford,UK	Masaryk University, Czech Republic and gLAWcal - Global Law Initiatives for Sustainable Development,UK	University of Hertfordshire,UK	National Research University Higher School of Economics, Russian Federation

2021 - 2022 ACTIVITIES

The **Interest Group on International Environmental Law** of the European Society of International Law organized the following **activities**:

IN/EX-CLUSIVENESS IN THE ENERGY TRANSITION AND CLIMATE ACTION

31 August - 1 September 2022, Utrecht University

LIBERALISM AND ECOLOGY IN THE ANTHROPOCENE

June 30 - July 2 2022, University Of Messina

2020 - 2021 ACTIVITIES

US REJOINING THE PARIS AGREEMENT WVU

10 March 2021, West Virginia University, Eberly College of Arts and Sciences, USA

A GLOBAL EFFORT TO PROMOTE LONG-TERM SUSTAINABILITY OF SPACE ENVIRONMENT IN THE CONTEXT OF OUTER SPACE COMMERCIALIZATION

8 September 2021, Pre-Annual Conference IG workshop in the context of 2021 ESIL Annual Conference, Stockholm, Sweden, 9-11 September 2021

2019 - 2020 ACTIVITIES

THE REALITY AND RHETORIC OF SOVEREIGNTY IN RELATION TO NATURAL RESOURCES, ENVIRONMENT, TRADE AND DEVELOPMENT

12 September 2019, National & Kapodistrian University of Athens, Athens, Greece

SOLIDARITY IN THE CONTEXT OF NATURAL RESOURCES MANAGEMENT

23 April 2020, IG pre-conference workshop, ESIL Research Forum, University of Catania, Italy (cancelled due to the COVID-19 pandemic)

SDGS, BIODIVERSITY AND PLANT HEALTH: INTERNATIONAL LEGAL ASPECTS

RUDN University Moscow, Russian Federation (Postponed)

ESIL IG INT ENV LAW BUSINESS MEETING

13 November 2020, 3 - 4 pm, Online

2018 - 2019 ACTIVITIES

INTERNATIONAL LAW IN TIMES OF TRADE WARS AND GLOBAL ENVIRONMENTAL PROBLEMS: PROTECTION OR PROTECTIONISM?

31 May - 1 June 2019, National Research University Higher School of Economics, Moscow, Russia

GLOBALISATION OF ENVIRONMENTAL LAW AND THE ROLE OF DEVELOPING COUNTRIES TOWARDS SUSTAINABLE DEVELOPMENT

6 April 2019, University of Cologne, Germany

SOUND SCIENCE-BASED REGULATION IN THE POST-TRUTH ERA: DOMESTIC AND INTERNATIONAL RULE OF LAW UNDER FIRE

3 April 2019, University of Göttingen, Institute for International and European Law, Germany

HEALTH AND THE ENVIRONMENT IN INTERNATIONAL LAW: ACTORS, NORMS AND RESPONSIBILITIES

17-18 October 2018, Max Planck Institute for Comparative Public Law and International Law in Heidelberg, Germany

UNIVERSALITY OF CLIMATE ACTION

13 September 2018, University of Manchester, Manchester, United Kingdom

IN/EX-CLUSIVENESS IN THE ENERGY TRANSITION AND CLIMATE ACTION

31 August - 1 September 2022, Utrecht University

A pre-Annual Conference IG workshop in the context of ESIL's annual meeting.

ESIL Interest Group on International Environmental Law
A pre-Annual Conference IG workshop

IN/EX-CLUSIVENESS IN THE ENERGY TRANSITION AND CLIMATE ACTION

31 August 2022

14.00 – 18:00

Welcoming Remarks

Martin SVEC (Masaryk University, Czech Republic; Institute of International Relations, Czech Republic)

Paolo Davide FARAH (West Virginia University, USA; gLAWcal- Global Law Initiatives for Sustainable Development)

Chamu KUPPUSWAMY (University of Hertfordshire, UK)

Daria BOLKAN (HSE University)

1st PANEL

JUST ENERGY TRANSITION - THE INTERNATIONAL HUMAN RIGHTS LAW PERSPECTIVE

1. "Human Right to a Clean, Healthy and Sustainable Environment for Future Generations"
Otto SPIJKERS (China Institute of Boundary and Ocean Studies (CIBOS) and Research Institute of Environmental Law (RIEL) of Wuhan University, China)
2. "The Role of Human Rights in Promoting In/Exclusiveness in the Energy Transition"
Daniëlla DAM-DE JONG (Leiden University, Netherlands)
3. "A Notion of Collective Human Rights Guiding a more Inclusive Energy Transition"
Jolein Ilse HOLTZ (Leiden University, Netherlands)

2nd PANEL

JUST ENERGY TRANSITION - THE INTERNATIONAL INVESTMENT LAW PERSPECTIVE

1. "Resistant Governance, Sustainability and International Investment Law: Re-Engineering Inclusion"
Alessandra ARCURI (Erasmus School of Law, Erasmus University Rotterdam, the Netherlands; European University Institute, Italy)
2. "Breaking the chains: Just energy transition and host States' duties to provide a stable regula-

tory environment to foreign investors”
Callum MUSTO (University of Sheffield, UK)

3. “Balancing Limits of Energy Investments in Energy Transition, Sustainable Development and International Investment Law Nexus”

Ozge VARIS (Kirkklareli University Faculty of Law, Turkey)

1 September 2022

9.00 – 12:00

3rd PANEL

PATHS TOWARDS JUST ENERGY TRANSITION

1. “Energy Communities as Catalysts for a Just Energy Transition: The Role of Public-Private Partnerships”

Aikaterini FLOROU (University of Liverpool, UK)

2. “The Technology of Inclusion in International Climate Law”

Melissa J. DURKEE (University of Georgia School of Law)

3. “The Glasgow Climate Pact and Pathways to Just Energy Subsidy Reform”

Henok ASMEASH (University of Birmingham, UK)

10:00 – 12:00

Concluding Remarks and iG Business Meeting

ORGANIZING COMMITTEE

Paolo Davide Farah (West Virginia University, USA & gLAWcal – Global Law Initiatives for Sustainable Development, UK)

Chamu Kuppuswamy (University of Hertfordshire, UK)

Martin Svec (Masaryk University, Czech Republic; Institute of International Relations, Czech Republic)

LIBERALISM AND ECOLOGY IN THE ANTHROPOCENE

June 30 - July 2 2022, University Of Messina

‘Liberalism’ is a term with many implications: it can be understood as a doctrine, and as the endorsement of either economic liberalism or political liberalism (i.e., the protection of individual rights against the threat of the intervention of the State or other institutions). Against this theoretical background, the present workshop aims at discussing the foundational premises of liberalism from the perspective of both the current debate on the global ecological crisis and the cluster of problems posed by the so-called ‘Age of the Anthropocene’.

In fact, especially if we look at the axis which both bridges and separates Eastern and Western political traditions, a number of urgent questions seem to emerge as far as protection of the environment and balancing individual freedom with environmental equilibrium are concerned. The retrospective and prospective thinking offered by moral and legal philosophy provides a useful tool in this enquiry. Moral and legal philosophy require developing an understanding of the basic components of principles, how and why these principles are formulated as part of unwritten moral codes or laws, and the continuing rationale for such principles. For instance, the principle of inter-generational equity is central to current debates on the impact of human behaviour on the climate, and has long standing roots in developing international environmental law, as well as specialist legal regimes relating to common heritage of mankind, and aboriginal title land and land-related rights. The principle of inter-generational equity essentially promotes the mindful usage and development of natural and cultural resources to ensure these are not passed onto future generations in a worse condition than which they were received. But why should future concerns trouble the minds of those with immediate wants and needs? Here,

there is a tradition of liberal philosophy that offers a rationale corresponding to this question.

The Conference presentations will attempt to cover the following questions:

- Who is responsible, from a liberal point of view, for the environmental policies of today, with respect to the consequences produced for the rights of future generations?
- What is the ethical grounding of environmental rights in the age of Anthropocene?
- How can the Anthropocene be conceptualized at different spatial, temporal, and institutional levels?
- How can the Anthropocene can integrate temporal and spatial aspects of human-planetary interaction?
- Are the rights of future generations based on a legal fiction and, if so, how are they compatible with the model of liberal societies?
- Is there a right to develop as well as a right to undevelop?
- Are environmental duties subsumed and snuffed out by environmental rights?
- How have regimes such as the concept of the common heritage of mankind in international law slowed down development?

JUNE 30, 2022

9:30 - 10:15

WELCOMING REMARKS

Salvatore Cuzzocrea, Rector of University of Messina (Italy)

Francesco Astone, Director of the Department of Law, University of Messina (Italy)

Alberto Scerbo, University Magna Graecia of Catanzaro (Italy), Coordinator of the Committee for Italian Society of Philosophy of Law (SIFD)

WELCOME ADDRESSES AND PRESENTATION OF THE THEME BY THE CONFERENCE CHAIRS

PAOLO FARAH

West Virginia University, Rockefeller School of Policy and Politics (USA) & gLAWcal (UK) – Member of the Board of the European Society of International Law (ESIL)

ALESSIO LO GIUDICE

University of Messina, Department of Law (Italy)

10:15 - 13:00

INAUGURAL PANEL

Chair: Carmela Panella, University of Messina, Department of Law (Italy)

Chamundeeswari Kuppuswamy, Hertfordshire Law School (United Kingdom) – Convener of the ESIL Interest Group on International Environmental Law

Ferdinando Menga, University of Campania “Luigi Vanvitelli”, Department of Law, Caserta (Italy)

11:00 - 11:30 Coffee Break

Andrea Porciello, University Magna Graecia of Catanzaro, Department of Law, Economics and Sociology (Italy)

Ozlem Ulgen, University of Nottingham (United Kingdom) – Chair of the ESIL Interest Group on International Legal Theory and Philosophy

13:00 - 15:00 Lunch Break

15:00 - 16:45

PANEL 1

Chair: Grazia Vitale, University of Messina, Department of Law (Italy)

Louis J. Kotzé, North-West University (South Africa); University of Lincoln (UK); Institute for Advanced Sustainability Studies (IASS), Potsdam (Germany)

Sam Adelman, University of Warwick (UK); Nelson Mandela University (South Africa); North-West University (South Africa)

Environmental Law and the Unsustainability of Sustainable Development: A Tale of Disenchantment and of Hope

Jolein Holtz, Leiden University, Grotius Centre for International Legal Studies (The Netherlands)

An (Onto)logical Solution to the Ecological Crises: Bringing Collective Rights to Bear on the Anthropocene

Moritz Caspar Vinken, Max Planck Institute for Comparative Public Law and International Law Heidelberg (Germany)

Fighting Fire with Fire? The Principle of Sustainable Development: Rooting Anthropocentrism and Economic Liberalism firmly within Climate Change Governance

16:45 - 18:45

PANEL 2

Chair: Ferdinando Menga, University of Campania "Luigi Vanvitelli", Department of Law, Caserta (Italy)

Mihika Poddar, University of Oxford (United Kingdom) & West Bengal National University of Juridical Sciences- NUJS (India)

Re-imagining Human Rights: Forging Legal Tools to Address the Climate Crisis

Guglielmo Ciaccio, University of Pisa (Italy)

Humanity and Nature. From a Relationship of Domination to a Relationship of Co-Existence and Co-Essentiality.

Francesca Di Pietro, University of Messina (Italy)
The Role of Individual in the Anthropocene

20:00 – Conference Dinner for Chairs and Speakers

JULY 1, 2022

9:00 - 11:00

PANEL 3

Chair: Chamundeeswari Kuppuswamy, Hertfordshire Law School (United Kingdom)

Klaus Geiselhart, Friedrich-Alexander-Universität Erlangen-Nürnberg, Institute of Geography (Germany)

What is Libertarian Extremism?

Claudia Atzeni, University Magna Graecia of Catanzaro (Italy)
Liberalism, Ecology, and the Process of European Integration.

Michael Ioannidis, European Central Bank and Max Planck Institute for Comparative Public Law and International Law, Heidelberg (Germany)
Ecology and (Liberal) Monetary Policy

Franz Gatzweiler, Urban Health and Wellbeing: a Systems Approach (ISC-IAP-ISUH), International Science Council (ISC), Institute of Urban Environment (IUE), Chinese Academy of Sciences (CAS)
(Xiamen, China)

Institutional and Complexity Perspectives on the Transformation Challenge towards Ecological Civilization

11:00 - 11:30 Coffee Break

11:30 - 13:15

PANEL 4

Chair: Martin Svec, Masaryk University (Czech Republic) and gLAWcal – Global Law Initiatives for Sustainable Development (UK)

Michael Kalis, IKEM – Institute for Climate Protection, Energy and Mobility (Germany); University of Greifswald – IFZO Interdisciplinary Research Centre for the Baltic Sea Region (Germany)

Intergenerational Equity or Intertemporal Rights? – Timing Climate Justice in Liberal Societies

Erika La Fauci, University of Messina (Italy)

Environmental Duties and Environmental Rights as Parts of a Unitary Concept: Present Generations Responsibility Towards Future Generations

Francesco D’Urso, – Università degli Studi Suor Orsola Benincasa – Napoli (Italy)

Ethics, Rights and Future Generations: the Difficult Combination of Environmental Protection and Individual Freedom.

13:00 - 15:00 Lunch Break

15:00 - 16:45

PANEL 5

Chair: Andrea Porciello, University Magna Graecia of Catanzaro, Department of Law, Economics and Sociology (Italy)

Martin Svec, Masaryk University (Czech Republic) and gLAWcal – Global Law Initiatives for Sustainable Development (UK)

Energy Intensive Companies and Interests of Current and Future Generations

Nazlicicek Semercioglu, Bocconi University (Italy); University of Istanbul (Turkey)

Rights of Nature: Multipliers or Reducers of Environmental Duties?

Louisa Ashley, Leeds Beckett University, Leeds Law School (UK)

Diana María Rodríguez-Herrera, Technological University of Pereira (Colombia)

Seed Saving and Seed Sharing: Countermapping a Liminal Legal Space to Support the Rights of Future Generations

16:45 - 17:15 Coffee Break

17:30 - 19:00

PANEL 6

Chair: Marcella Di Stefano, University of Messina, Department of Law (Italy)

Michele Crisafulli, University of Messina (Italy)

Is There a Right to Develop as Well as a Right to Undevelop?

Daria Boklan, HSE University

Aleksandr Solntsev, RUDN University

Ecocentrism Vs Liberal Anthropocentrism: Will “Greening” of Human Rights and Free Trade under International Law contribute to environmental protection?

Giuseppe Poderati, Wuhan University, Research Institute of Environmental Law (China) and University of Palermo (Italy)

Giving Rights to Nature in the Current Anthropocene Era: the Panama Case.

Inês Lameiras Azevedo, European University Institute in Florence, Law Department (Italy)

Growth in the Anthropocene? The Circular Economy as a Possible Answer

JULY 2, 2022

9:00 - 11:00

PANEL 7

Chair: Martin Svec, Masaryk University (Czech Republic) and gLAWcal – Global Law Initiatives for Sustainable Development (UK)

Giovanni Bombelli, Catholic University of Milan (Italy)

Liberalism, Ecology, Anthropocene: Some Methodological Distinctions

Song Tian, Southern University of Science and Technology (SUSTech), Center for Humanities, School of Humanities and Social Sciences (Shenzhen, China)

The Preconditions of a Civilization and the Self-restrain to Development in the Anthropocene

Jinfeng Zhou, China Biodiversity Conservation and Green Development Foundation

About Liberalism and Ecology in the Anthropocene: Reflections from Eastern Civilization—A New Era of Civilization Must be Started

Jean-Yves Heurtebise, Fujen Catholic University, Taiwan; CEFC (French Research Center on Contemporary China), Taiwan

Illiberalism & Misanthropocene

11:00 - 11:30 Coffee Break

11:30 - 12:30

PANEL 8

Chair: Daria Boklan, HSE University

Imad Antoine Ibrahim, Qatar University, Center for Law and Development (Doha, Qatar) and gLAWcal – Global Law Initiatives for Sustainable Development (UK)

Blockchain, Climate Damage, and Death: Policy Interventions to Reduce the Carbon Emissions, Mortality, and Net-Zero Implications of Non-Fungible Tokens and Bitcoin

Qingxiu Bu, University of Sussex (United Kingdom)

Towards an ESG-Driven Standard in Global Biodiversity Governance: Is Corporate Mandatory Due Diligence a cure in Supply Chains?

Md. Abdul Alim, University of Rajshahi Department of Law (Bangladesh)
Legal Aspects of Recycling Responsibilities for E-waste Especially Photovoltaic Waste

12:30 - 13:30

PANEL 9

Chair: Chamundeeswari Kuppuswamy, Hertfordshire Law School (United Kingdom)

Bryan Druzin, Chinese University of Hong Kong

A World Unravelling: Can Multilateral Environmental Governance be sustained in the Anthropocene?

Seyed Hossein Mirjafari, Islamic Azad University of Hamadan (Iran); Samira Rezaei Gilaneh, Parand Islamic Azad University (Iran)

A Study of the Relationship between Neoliberalism and the Second Generation of Human Rights

Nishant Kumar, Indian Institute of Management, Rohtak (India)

Akanksha Singh-Jumde, University of Tasmania (UTAS), College of Arts, Law and Education, Faculty of Law, Hobart (Tasmania, Australia)

Role of Indian Judiciary and environmental activism in Imparting Environmental Justice and implementing best universal practices

Akanksha Singh-Jumde, University of Tasmania (UTAS), College of Arts, Law and Education, Faculty of Law, Hobart (Tasmania, Australia)

Nishant Kumar, Indian Institute of Management, Rohtak (India)

Role played by UN vis-à-vis ASEAN Countries Contribution to Combat Transboundary's environmental damage: A case study of implementation of good international practices

CONCLUDING REMARKS BY THE CONFERENCE CHAIRS

PAOLO FARAH

West Virginia University, Rockefeller School of Policy and Politics (USA) & gLAWcal (UK) – Member of the Board of the European Society of International Law (ESIL)

ALESSIO LO GIUDICE

University of Messina, Department of Law (Italy)

CONFERENCE CHAIRS AND COORDINATORS

Paolo Davide Farah West Virginia University, Rockefeller School of Policy and Politics (USA) & gLAWcal (UK) – Member of the Board of the European Society of International Law (ESIL)

Alessio Lo Giudice University of Messina, Department of Law (Italy)

PUBLICATION OPPORTUNITIES

The conference organizers have publication plans for the presented papers. The precise nature and format of publication will be discussed in more detail during the conference, however, the organizers preliminary vision is to publish an edited book with an international publisher or a special section or special issue of a Journal.

SCIENTIFIC COMMITTEE

Chamu Kuppuswamy (University of Hertfordshire, United Kingdom)

Martin Svec (Masaryk University, Brno, Czech Republic)

Ozlem Ulgen (University of Nottingham, United Kingdom)

Carmela Panella (University of Messina, Italy)

Daria Boklan (HSE University)

CO-ORGANIZERS

The European Society of International Law (ESIL) Interest Group on International Environmental Law, University of Messina, Department of Law (Italy), West Virginia University, Rockefeller School of Policy and Politics and the WVU Eberly College Interdisciplinary Research Collaborative on Global Challenges and Local Response Initiatives (USA) have jointly organized an interdisciplinary International Conference on “Liberalism and Ecology in the Anthropocene” to be held at the University of Messina, Italy 30 June –2 July 2022. This event is also supported by the ESIL Interest Group on International Legal Theory and Philosophy, the Italian Society of Philosophy of Law (SIFD) and the Italian Society of International Law (SIDI).

US REJOINING THE PARIS AGREEMENT

At Morgantown, West Virginia, Usa (ONLINE)

March 10, 12-1 pm Washington DC time

Since the 1970s, states have come together to shape rules, practices and aspirations regarding our natural environment. International cooperation, treaty making, partnerships, and goal setting in the area of natural resources, the environment, trade and development have shaped and affected the sovereignty of nation states.

The IG on International Environmental Law invites analyses from various viewpoints and perspectives on the reality and rhetoric of sovereignty in international environmental law. This ranges from the view that sovereignty is a waning phenomenon in a globalised, digitised and decentralised world to the position that sovereignty privileges states over non-state actors and is the determining factor in the regulation of the environment, trade and development.

KAARINA AIRAS

Kaarina Airas has worked as the head of Unit for Sustainable Development and Human Rights at the Permanent Mission of Finland to the United Nations since August 2020. She is a career diplomat and has previously served at the embassies of Finland in Budapest, Hungary, and Nairobi, Kenya, as well as the Permanent Mission of Finland in Geneva, Switzerland. In Nairobi, she served as the deputy permanent representative of Finland to UNEP and UN-Habitat. In Geneva, Airas represented Finland at the UN Human Rights Council, with a special focus on gender issues and economic and social rights. At the Ministry for Foreign Affairs of Finland, she has worked at the Unit for Sustainable Development and Climate, covering particularly UN sustainable development related issues such as the Agenda 2030 coordination. She holds a master's degree in social sciences (international relations) from the University of Helsinki, Finland. Airas had international law as a minor and has in recent years completed environment-related

courses, including Environmental Security and Sustaining Peace and UN Environment Course on Multilateral Environmental Agreements.

DANIELE VIOLETTI

Daniele Violetti is director of the Means of Implementation Division and acting director of the Administration, Human Resources and Information Technologies Division at the United Nations Framework Convention on Climate Change. The Mol Division supports international cooperation on the mobilization of financial resources, technology development and transfer and building of individual, institutional and systemic capacity to enable and support parties to take enhanced action on climate change, for the implementation of the Convention, the Kyoto Protocol and the Paris Agreement. In particular, it supports the work of the Standing Committee on Finance and the Technology Executive Committee and the Paris Committee on Capacity Building. The Mol Division also coordinates the secretariat's outreach to the United Nations system and the Secretary General's office. Prior to his current position, Violetti served as chief of staff of the secretariat for seven years, supporting two executive secretaries. He was also coordinator for the United Nations Secretary-General's Advisory Group on Climate Change Financing at the UN headquarters in New York City. Violetti has extensive experience on issues related to the Clean Development Mechanism under the Kyoto Protocol, and he served as secretary to the CDM Executive Board as well as a manager in the CDM Process Management Unit within the Sustainable Development Mechanisms Programme at the UNFCCC secretariat.

DANIEL KAMMEN

Daniel Kammen is the Class of 1935 Disting-

guished Professor of Energy at the University of California, Berkeley, with parallel appointments in the Energy and Resources Group, the Goldman School of Public Policy and the Department of Nuclear Engineering. He was appointed the first Environment and Climate Partnership for the Americas Fellow by Secretary of State Hilary R. Clinton in April 2010. Kammen is the founding director of the Renewable and Appropriate Energy Laboratory, co-director of the Berkeley Institute of the Environment and director of the Transportation Sustainability Research Center. Since 1999 Kammen has served as a contributing or coordinating lead author on various reports of the Intergovernmental Panel on Climate Change, which shared the 2007 Nobel Peace Prize. He has authored or co-authored 12 books, written more than 300 peer-reviewed journal publications, testified more than 40 times to U.S. state and federal congressional briefings and has provided various governments with more than 50 technical reports. Kammen also served for many years on the Technical Review Board of the Global Environment Facility. He is a frequent contributor or commentator in international news media, including Newsweek, Time, The New York Times, The Guardian and The Financial Times. Kammen has appeared on 60 Minutes (twice), Nova and Frontline, and he hosted the six-part Discovery Channel series Ecopolis. Kammen is a permanent fellow of the African Academy of Sciences and a fellow of the American Physical Society. In the U.S., he serves on two National Academy of Sciences boards and panels.

PAOLO DAVIDE FARAH

Paolo Davide Farah is an associate professor at WVU in the Eberly College of Arts and Sciences in the Department of Public Administration, part of the John D. Rockefeller IV School of Policy and Politics, and an adjunct associate professor of geography. He was an international consultant and legal advisor for projects implemented for the United Nations Development Program, for the Italian Ministry of Economic Development and Commerce and for the Organisation

for Economic Co-operation and Development. He has previously worked at the Legal Affairs Division of the World Trade Organization in Geneva and for Baker & McKenzie International Law Firm. He is an elected board member of the European Society of International Law, chair of the ESIL Interest Group on International Environmental Law, chair of the American Society of International Law Interest Group on International Environmental Law and vice-chair of the American Society of International Law Interest Group on International Law and Technology. Farah is also an appointed member of the International Law Association's ILA Committees on Sustainable Development and the Green Economy in International Trade Law and ILA Committee on Role of International Law in Sustainable Natural Resource Management for Development. Farah has more than 50 peer-reviewed articles or book chapters and U.S. law review articles, nine books and six journal special issues published or forthcoming, and he has presented his work to more than 140 international conferences and workshops.



A GLOBAL EFFORT TO PROMOTE LONG-TERM SUSTAINABILITY OF SPACE ENVIRONMENT IN THE CONTEXT OF OUTER SPACE COMMERCIALIZATION

Pre-conference workshop held on the occasion of the 16th Annual Conference of the European Society of International Law, Stockholm (Sweden), 8 September 2021.

Outer space constitutes a finite resource that is being used by an increasing number of states, international organizations and non-governmental entities. In this context, Guidelines for the Long-term Sustainability of Outer Space Activities, adopted by the Committee on the Peaceful Uses of Outer Space in 2019, emphasise that the proliferation of space debris, the increasing complexity of space operations, the emergence of large constellations and the increased risks of collision and interference with the operation of space objects may affect the long-term sustainability of space activities. Addressing these risks requires international cooperation by states and international organizations. Against the background of the global effort to avoid harm to the space environment and to ensure safety of space operations, special attention should be given to the commercialization of space activities. As the cost of commercial space exploration continues to decline, outer space is becoming more accessible to a range of actors, eroding the previous state monopoly. The commercialization of outer space activities seems to be unstoppable. However, international space law, elaborated by the United Nations Committee on the Peaceful Uses of Outer Space in the 1960s and 1970s, is based on the concept of state responsibility, enshrined in Art. VI of the Outer Space Treaty. Pursuant to the OST, international responsibility for national activities, whether such activities are carried out by governmental agencies or by non-governmental entities, is

borne by state parties to the treaty. Hence, current international space law appears to be ill-equipped to effectively address the increased commercialization of outer space activities which brings with it a growing role for private actors. Space activities of non-state actors are primarily governed by national space laws. What steps should be taken to ensure long-term sustainability of space environment in the context of outer space commercialization?

The IG on International Environmental Law invites contributions addressing the global effort to promote long-term sustainability of space environment in the context of outer space commercialization.

- Outer space activities as a question of natural resource use
- Legal aspects of commercial space activities
- Non-state actors in the context of the international framework for space activities
- Non-state actors in the context of national space policies
- Permits and licences for space activities
- Liability for launching space objects
- Non-state actors and on-orbit activities
- Mitigating space debris
- Legal and regulatory considerations of small satellite projects
- Effective mechanisms to settle disputes in outer space
- Interactions among non-state actors

- Applicability of national space law in the area beyond national jurisdictions
- Sustainability of commercial space activities

ORGANIZING COMMITTEE

Martin Svec (Masaryk University, Czech Republic & gLAWcal – Global Law Initiatives for Sustainable Development, UK)

Chamu Kuppuswamy (University of Hertfordshire, UK)

Daria S. Boklan (Higher School of Economics, Russia)

Paolo Davide Farah (West Virginia University, Eberly College of Arts and Sciences, John D. Rockefeller IV School of Policy and Politics, USA & gLAWcal – Global Law Initiatives for Sustainable Development, UK)

PROGRAMME

14.00 – 14.15

Welcoming Remarks

Martin SVEC (Institute of Law and Technology, Masaryk University, Czech Republic) &
Paolo Davide FARAH (West Virginia University, USA; gLAWcal - Global Law Initiatives for Sustainable Development, UK)

14.15 – 17.45

1st PANEL

A GLOBAL EFFORT TO PROMOTE LONG-TERM SUSTAINABILITY OF SPACE ENVIRONMENT IN THE CONTEXT OF OUTER SPACE COMMERCIALIZATION

“Utilization of Space Resources in the Context of a Global Effort to Promote Long-Term Sustainability of Space Environment”

Martin SVEC (Institute of Law and Technology, Masaryk University, Czech Republic)
Discussant: **Chamu KUPPUSWAMY** (University of Hertfordshire, UK)

“Space Environment and Outer Space Commercialization in the Framework of Post-conflict development”

Nagy ATTILA (University in Jena, Germany)
Discussant: **Daria BOLKAN** (Higher School of Economics, Russian Federation)

“The Relations between Space Exploration and Global Sustainable Development in the UNC-TAD: The Perspective of Developing Countries”

Matjaz NAHTIGAL (University of Ljubljana, Slovenia)
Discussant: **Paolo Davide FARAH** (West Virginia University, USA; gLAWcal - Global Law Initiatives for Sustainable Development, UK)

“Long-term Sustainability of Outer Space Activities in the Context of Space 2030 agenda”
Aslan ABASHIDZE and **Irina CHERNYKH** (People’s Friendship University of Russia, Russian Federation)

Discussant: **Martin SVEC** (Institute of Law and Technology, Masaryk University, Czech Republic)

17.45 – 18.00

Concluding Remarks

THE REALITY AND RHETORIC OF SOVEREIGNTY IN RELATION TO NATURAL RESOURCES, ENVIRONMENT, TRADE AND DEVELOPMENT

ON THE OCCASION OF THE 13TH ESIL ANNUAL CONFERENCE ON “GLOBAL PUBLIC GOODS, GLOBAL COMMONS AND FUNDAMENTAL VALUES: THE RESPONSES OF INTERNATIONAL LAW”

12-14 September, National & Kapodistrian University of Athens, Athens, Greece

Since the 1970s, states have come together to shape rules, practices and aspirations regarding our natural environment. International cooperation, treaty making, partnerships, and goal setting in the area of natural resources, the environment, trade and development have shaped and affected the sovereignty of nation states.

The IG on International Environmental Law invites analyses from various viewpoints and perspectives on the reality and rhetoric of sovereignty in international environmental law. This ranges from the view that sovereignty is a waning phenomenon in a globalised, digitised and decentralised world to the position that sovereignty privileges states over non-state actors and is the determining factor in the regulation of the environment, trade and development.

We invite you to explore, in the environmental context, the nature of compromises made by states in their negotiation to retain legitimacy, be they with international institutions or non-governmental organisations, thereby helping us understand the reality of the overall nature of sovereignty in the 21st century. Attendant issues would be how state prerogatives and interests have been reshaped by global initiatives on the environment. In the area of the environment, technical sovereignty through science-based approaches and how this impacts on politically bargained sovereignty is bringing in new actors and methods into the sovereignty

bargain.

Is sovereignty ‘organised hypocrisy’ or a sacred privilege tough to keep? Are states in full control of their sovereignty or do they really rely on bargaining with other states and non-state actors for propping up their sovereignty? This meeting focussing on innovative and fresh perspectives on approaching regulation, governance of natural resources and the environment in the light of competing interests in trade and development, within precept of sovereignty, encouraging multidisciplinary approaches and cross sectoral analyses, adopting social sciences, legal, and other methodologies.

LIST OF SPEAKERS AND TOPICS

- **Daria Boklan and Elena Cirkovic** (National Research University Higher School of Economics, Moscow, Russia; National Researcher University Higher School of Economics, St Petersburg, Russia): *State's Right to Rely On Permanent Sovereignty Over Natural Resources: An Incentive or Impediment for Sustainable Development?*
- **Winfried Huck** (Brunswick European Law School, Germany and Lauterpacht Centre for International Law at the University of Cambridge, UK & Tongji University, Shanghai, China): *ASEAN: Trust, Consensus and Informality as a Way to Deal With Global Issues Without Trespassing on Sovereignty*
- **Imad Antoine Ibrahim** (Sant'Anna School of Advanced Studies, Italy): *Technology Transfer and International trade Towards Sustainable Development*
- **Gabrielle Marceau** (Professor at University of Geneva, Switzerland and Senior Counsellor, Legal Affairs Division of the WTO & Former Member of the Cabinet of the WTO Director General Pascal Lamy): *Sovereignty in Relation to Natural Resources, Environment, Trade and Development: The WTO Case Law and Contribution*
- **Charlotte Steinorth** (Human Rights Centre of the University of Potsdam, Germany): *Reading the UN Global Pact on the Environment: International law, Global Justice, and the Abandonment of the Sovereignty-Rights Paradigm*
- **Ilaria Espa** (USI Lugano and World Trade Institute, University of Bern, Switzerland): *Beyond the Rethoric of Trade Liberalization at any Cost: Natural Resources Conservation and Extraterritoriality in the WTO after US – Tuna II (Article 21.5)*
- **Paolo Davide Farah** (West Virginia University, USA and gLAWcal- Global Law Initiatives for Sustainable Development, UK): *The Belt and Road Initiative: Between National Interests and Environmental Protection*

SOLIDARITY IN THE CONTEXT OF NATURAL RESOURCES MANAGEMENT

23 April 2020, IG pre-conference workshop, ESIL Research Forum, University of Catania, Italy (cancelled due to the COVID-19 pandemic)

THE ESIL INTEREST GROUP ON INTERNATIONAL ENVIRONMENTAL LAW HOST A PRE-CONFERENCE WORKSHOP ON “SOLIDARITY IN THE CONTEXT OF NATURAL RESOURCES MANAGEMENT” AT THE 2020 ESIL RESEARCH FORUM, UNIVERSITY OF CATANIA, ITALY

CFP:

TRACK I (SOLIDARITY IN THE CONTEXT OF NATURAL RESOURCES MANAGEMENT)

The resolution 1803 (XVII) on the “Permanent Sovereignty over Natural Resources” (PSNR), adopted by the UN General Assembly in 1962, was understood as a means of increasing the economic and technological advancement of developing states. The right to control and dispose of their own natural resources claimed by peoples under colonial rule and newly independent developing states in the era of decolonisation lies at the heart of the PSNR. However, it is worth mentioning that PSNR is not absolute and the resolution itself significantly limits its application. In particular, in cases where an authorization was granted, the capital imported and the earnings on that capital shall be governed by inter alia by international law; the profits derived must be shared in the proportions freely agreed upon, in each case, between the investors and the recipient state; and most importantly, nationalization, expropriation or requisitioning shall be based on grounds or reasons of public utility, security or the national interest and an appropriate compensation shall be paid.

In addition, PSNR is limited by parallel international obligations of states. Especially international obligations arising from international economic law (for instance the WTO) or inter-

national environmental law (for instance UN Framework Convention on Climate Change or the Convention on Biological Diversity) significantly limit states in exercising their sovereignty over natural resources. For instance, once a state joins the WTO it is obliged to exercise its right to regulate trade and export of natural resources according to WTO rules (Panel Report/Appellate Body Report, China – Measures Related to the Exportation of Various Raw Materials). In other words, the fulfilment of sovereignty over natural resources is subject to the WTO rights and obligations. One may claim that the net of trade-related international obligations undertaken by states undermines PSNR and implies a shift toward a global energy market making natural resources available to those who need them based on an implicit solidarity. By the same token, the Principle 21 of the Declaration of the United Nations Conference on the Human Environment implies a sense of solidarity, since states are required to ensure that the exploitation of natural resources within their jurisdiction do not cause damage to the environment of other states. To conclude, an increased global cooperation and an ever-growing number of international obligations gave rise to a need to reconceptualize our traditional understanding of PSNR.

Efforts to eliminate the widening gap between the developed and the developing countries in 70s formulated in the Declaration on the Establishment of a New International Economic Order and the Programme of Action on the Establishment of a New International Economic Order did not have huge impact on PSNR. However, developing countries favouring a broad obligation to share the tangible benefits derived from exploration in the areas beyond national jurisdiction, succeeded in establishing legal regimes built on international cooperation, sharing of benefits and solidarity (UNCLOS, Moon Agreement). One may claim that keeping two parallel legal regimes governing exploitation of natural resources within and beyond national jurisdiction, based on completely opposite understandings of solidarity is not sustainable in the long term.

In 2015, all United Nations member states adopted The 2030 Agenda for Sustainable Development, a shared blueprint for peace and

prosperity for people and the planet. SDG 7 “Affordable and clean energy” is focused on universal access to energy. Acknowledging that there are approximately 3 billion people who lack access to clean-cooking solutions and slightly less than 1 billion people are functioning without electricity, SDG 7 aims to ensure universal access to affordable, reliable and modern energy services by 2030. A global effort to ensure universal access to energy implies an unprecedented notion of solidarity in relation to energy as well as natural resources being for decades shielded by PSNR.

The IG on International Environmental Law invites contributions addressing the notion of solidarity in the context of natural resources management, contributions seeking to reconceptualize PSNR in the context of globalization and trade/environmental related international obligations, as well as contributions addressing SDG 7 goal to ensure universal access to affordable, reliable and modern energy services by 2030.

TRACK II (ENERGY SOLIDARITY IN THE CONTEXT OF THE EUROPEAN UNION)

The concept of solidarity is one of the fundamental values on which the EU is founded (Article 2 of the TEU). It is referred to in various provisions of the EU treaties, particularly in Art. 222 of the TFEU (The Union and its Member States shall act jointly in a spirit of solidarity if a Member State is the object of a terrorist attack or the victim of a natural or man-made disaster) and Art. 194 of the TFEU (energy solidarity). Article 194 reads: “In the context of the establishment and functioning of the internal market and with regard for the need to preserve and improve the environment, Union policy on energy shall aim, in a spirit of solidarity between Member States”. Until recently, no attention has been given to the interpretation of the energy solidarity clause. In 2019, the General Court of the European Union in case T-883/16 Poland v Commission (OPAL Decision) annulled the European

Commission’s decision approving the modification of the exemption regime for the operation of the OPAL gas pipeline. In its decision, the court for the first time elaborated on a principle of energy solidarity enshrined in Article 194(1) of the TFEU. According to the court, the principle of energy solidarity requires EU member states and EU organs, in all their energy market decisions with a potential cross-border impact, to take into account not only their own interests but also those of other member states and also those of the European Union as a whole. There is no doubt that the interpretation of the principle of energy solidarity will have a significant impact on the development of EU energy law over the next decade.

The IG on International Environmental Law invites contributions addressing the concept of

the energy solidarity established by the Lisbon Treaty, the OPAL decision as well as the potential implications of the OPAL for the Energy Union.

AREAS OF INTEREST

- Energy solidarity in the context of the UN 2030 Agenda for Sustainable Development
- Energy solidarity in the context of the European Union and its energy and climate policy
- Sustainable energy for all
- The OPAL decision
- Energy solidarity at the international level
- The sharing of transboundary natural resources
- Legal regimes governing utilization of natural resources beyond national jurisdictions
- The concept of solidarity in the context of the UNCLOS and Deep-sea mining
- The concept of solidarity in the context of the Moon Agreement
- PSNR in the context of international trade law
- PSNR in the context of international environmental law

PROGRAM ESIL INTEREST GROUP EVENT ON INTERNATIONAL ENVIRONMENTAL LAW

Department of Law, University of Catania, Italy

(CANCELLED DUE TO THE PANDEMIC)

9.00 - 9.15

Welcoming Remarks by **Paolo Davide Farah** (West Virginia University, USA & gLAWcal - Global Law Initiatives for Sustainable Development, UK) –ESIL Board Member & Convener of the ESIL Interest Group on International Environmental Law

9.15 – 11.00

1ST PANEL:

**SOLIDARITY IN THE CONTEXT OF ENVIRONMENTAL PROTECTION, ENERGY SECURITY AND
NATURAL RESOURCES MANAGEMENT**

Chair and Discussant:

Paolo D. Farah

“Solidarity and fundamental duties in International Environmental Law” **Luisa Cortat Simonetti Goncalves** (Maastricht University, the Netherlands & Faculdade de Direito de Vitória, FDV, Brazil) and **Adriano Sant’Ana Pedra** (Faculdade de Direito de Vitória, FDV, Brazil)

“Challenging International Solidarity in the Context of Natural Resources Management” **Tikumporn Rodkhunmunag** (Guanghua Law School, Zhejiang University, China & Chulalongkorn University, Thailand)

“Protecting Cultural Heritage by Recourse to International Environmental Law: Chinese Stances on State Liability” **Riccardo Vecellio Segate** (University of Macau and Tsinghua Law School, China)

“Energy Independence as a Key to Sovereignty in Post-Conflict Societies” **Attila Nagy** (Yerevan State University, Republic of Armenia)

11.00 – 11.30

Coffee Break

11.30 – 12.45

2ND PANEL:

NEW FRONTIERS IN INTERNATIONAL ENVIRONMENTAL LAW

Chair and Discussant:

TBC

“Legal Implications of the Use of Big Data in the Transboundary Water Context” **Imad Antoine Ibrahim** (Sant’Anna School of Advanced Studies, Italy)

“Information Technologies and International Law of the Sea” **Elena E. Guliaeva** (Diplomatic Academy of the Ministry of Foreign Affairs of the Russian Federation, Russia)

12.10 – 12:45

Discussion

12.45– 13:00

ESIL IG on International Environmental Law business meeting and report of IG past and future activities

ORGANIZING COMMITTEE

Paolo Davide Farah (West Virginia University, USA & gLAWcal - Global Law Initiatives for Sustainable Development, UK) - Convener ESIL Interest Group on International Environmental Law

Martin Svec (Masaryk University, Czech Republic & gLAWcal – Global Law Initiatives for Sustainable Development, UK)

SDGS, BIODIVERSITY AND PLANT HEALTH: INTERNATIONAL LEGAL ASPECTS

RUDN University Moscow, Russian Federation (Postponed)

JOINT ESILIG ON INTERNATIONAL ENVIRONMENTAL LAW/RUDN UNIVERSITY CONFERENCE

The 2030 Agenda for Sustainable Development, agreed by all States Members of the United Nations, sets out an ambitious framework of universal and indivisible goals (SDGs) and targets to address a range of global societal challenges. Biodiversity and ecosystems feature prominently across many of the Sustainable Development Goals (SDGs) and associated targets. They contribute directly to human well-being and development priorities. Biodiversity is at the centre of many economic activities, particularly those related to crop and livestock agriculture, forestry, and fisheries. Globally, nearly half of the human population is directly dependent on natural resources for its livelihood, and many of the most vulnerable people depend directly on biodiversity to fulfil their daily subsistence needs. The **Strategic Plan for Biodiversity 2011-2020** and its **Aichi Biodiversity Targets** adopted under the **Convention on Biological Diversity 1992** have been recognized as setting the global framework for priority actions on biodiversity. The 2030 Agenda is consistent with other existing international commitments, including the Strategic Plan for Biodiversity. The SDGs and the Strategic Plan are mutually supportive and reinforcing, and therefore the implementation of one contributes to the achievement of the other.

The United Nations has declared 2020 as the **International Year of Plant Health**. The year is a once in a lifetime opportunity to raise global awareness on how protecting **plant health** can help **end hunger, reduce poverty, protect the**



INTERNATIONAL YEAR OF
PLANT HEALTH
2020

IN DECEMBER 2018, THE UN GENERAL ASSEMBLY ADOPTED THE RESOLUTION A/RES/73/252 DECLARING 2020 AS THE INTERNATIONAL YEAR OF PLANT HEALTH (IYPH). IN OCTOBER 2019 THE XVIII BLISCHENKO CONGRESS WAS INCLUDED IN THE INTERNATIONAL YEAR OF PLANT HEALTH [OFFICIAL EVENTS LIST](#).

environment, and boost economic development.

Plants are the source of the air we breathe and most of the food we eat, yet we often don't think about keeping them healthy. This can have devastating results. FAO estimates that up to 40% of food crops are lost due to plant pests and diseases annually. This leaves millions of people without enough food to eat and seriously damages agriculture- the primary source of income for rural poor communities.

"Plants provide the core basis for life on Earth and they are the single most important pillar of human nutrition. But healthy plants are not something that we can take for granted" said FAO Director-General Qu Dongyu who launched the Year on the sidelines of the UN agency's Council meeting.

Plant health is increasingly **under threat**. **Climate change**, and **human activities**, have **altered ecosystems**, reducing **biodiversity** and creating new niches where pests can thrive. At the same time, international travel and trade has tripled in volume in the last decade and can quickly spread pests and diseases around the world causing great damage to native plants and the environment.

Protecting plants from pests and diseases is far more cost effective than dealing with full-blown plant health emergencies. Plant pests and diseases are often impossible to eradicate once they have established themselves and managing them is time consuming and expensive. Prevention is critical to avoiding the dev-

astating impact of pests and diseases on agriculture, livelihoods and food security and many of us have a role to play in that process.

The organizers are particularly interested in presentations that address one or more of the following questions (although any paper proposal relevant to the subject of the Roundtable will be considered).

KEY TOPICS

- Sustainable Development Goals and biodiversity: international legal aspects
- Possibly interactions between Convention on Biological Diversity (CBD) and International Plant Protection Convention (IPPC)
- Plant health and food security: international legal aspects
- Plant health and ecosystems: international legal aspects
- Plant health and climate change: international legal aspects
- The WTO Agreement on the Application of Sanitary and Phytosanitary Measures sets and rules for food safety and plant health standards
- Plant health and Invasive Alien Species: international legal aspects

ESIL IG INTERNATIONAL ENVIRONMENTAL LAW BUSINESS MEETING

13 November 2020, 3 - 4 pm, (ONLINE)

PAOLO FARAH , CHAMU KUPPUSWAMY, DARIA S. BOKLAN, JOSEPHINE VAN ZEBEN,
MARTIN SVEC

Due to the postponing of the ESIL Annual Conference due to the pandemic, the ESIL IG Coordinating Committee on International Environmental Law organized an online business meeting. During this meeting, the coordinating committee summarized the activities organized in 2018-2019 and invited ESIL IG members to propose new ideas for 2021.