

# Hans Bruyninckx

**Institution:** European Environment Agency

**Type of institution:** EU Agency

**Country:** Denmark

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**Area of work/research:**

International environmental politics



**Short Bio:**

Hans Bruyninckx is the Executive Director of the European Environment Agency since 1 June, 2013. He was born in Belgium in 1964.

Dr Bruyninckx studied undergraduate and master's degrees in political science specialising in international relations at Antwerp and Leuven Universities. He also completed an additional programme in development studies at the University Catholique de Louvain-la-Neuve.

He completed his PhD in 1996 at Colorado State University on the topic of international environmental politics, subsequently teaching at other universities in the United States and Europe, including Colorado State University, Canisius College and Wageningen University.

From 2010 until his appointment at the EEA, he was head of the HIVA Research Institute in Leuven, a policy-oriented research institute associated with the Katholieke Universiteit Leuven, where he was also head of the Political Science department from 2007 to 2010. Dr Bruyninckx has also been a senior member of the interdisciplinary Leuven Centre for Global Governance Studies and promoter-coordinator of the Flemish Policy Research Centre on Transitions for Sustainable Development (TRADO).

Over the last 20 years, he has conducted and managed policy-oriented research in the areas of environmental politics, climate change, and sustainable development. He was responsible for research in the domains of policy evaluation, monitoring and reporting, methodology development, environmental policy integration, and long-term transition policies. His experience pertains to the level of the regions (Flanders in a comparative European perspective), the EU Member States, the EU level, the OECD, and processes of global environmental governance (climate change in particular).

His academic expertise lies primarily in the field of European and international environmental policy, studying the effects of globalisation on the global governance of environmental issues and sustainable development. From this perspective he has also studied global production and consumption systems, as well as issues relating to distribution and justice. He has taught courses on the topics of global environmental politics and global environmental governance in relation to the European Union (EU), publishing extensively on EU environmental policies and its role as an actor in global environmental governance.

Dr Bruyninckx was involved in numerous policy processes as an advisory board member, involved in steering groups of government agencies, and as academic policy advisor to governmental agencies and other key actors. In addition, he has worked intensely with civil society and business actors, in support of public-private initiatives or private regulatory approaches to environmental, climate change and sustainability issues. Furthermore, he was president of the board of Bond Beter Leefmilieu (The Association for a Better Environment), a Flemish umbrella organisation bringing together many different environmental groups.

# Constana Belchior

**First Name:** Constana

**Last Name:** Belchior

**Institution:** THINK – School of Creative Leadership (Lisbon visiting fellow)

**Type of institution:** Creative school

**Country:** Portugal

**e-mail:** [c.c.belchior@gmail.com](mailto:c.c.belchior@gmail.com)



## **Area of work/research:**

Exploring sustainability transitions through entrepreneurship, design thinking and system change

## **Short Bio:**

Environmental and sustainability thinker, analyst and entrepreneur. Currently devoted to design, leadership and learning for enabling creativity and innovation with impact in our society as a whole. Former work experience and development stemmed from operating for over 10 years at the science-policy interface for marine and environmental sustainability, in Portugal, Brazil and the EU. Core activities while working at the science-policy interface involved translating environmental data and trends into knowledge to support policy making and implementation, namely through participating in and facilitating collaboration processes with diverse stakeholders.

Expertise: Sustainability, Environment, Creative leadership, Strategy, Systems thinking, Design Thinking, Business development, Citizen science, Collaboration and engagement, Facilitation, Integrated environmental assessments, Marine ecosystem, Ecosystem-based management, Environmental Policy, International relations, European Union.

<https://www.linkedin.com/in/constancabelchior/>

# Sarah Cornell

**Institution:** Stockholm Resilience Centre

**Type of institution:** University research centre

**Country:** Sweden

**e-mail:** [Sarah.Cornell@su.se](mailto:Sarah.Cornell@su.se)



**Area of work/research:** global environmental change, social-ecological resilience, risk and uncertainty in natural hazards, multi-stakeholder dialogue, integration and implementation sciences.

## Short Bio:

Sarah Cornell is a researcher at the Stockholm Resilience Centre, Stockholm University. She coordinates the Earth Resilience in the Anthropocene program and co-convenes the international Planetary Boundaries Research Network, PB-net.org. Her research aims to improve conceptualisations of human-environment systems and to characterise pathways for global sustainability, researching and working with governance processes. Sarah has a background in marine and atmospheric chemistry. For over 15 years, she has worked in transdisciplinary global change research, research coordination and teaching. She has served as an advisor on sustainability matters to national and local governments, universities, businesses, and civil society organisations.

<http://www.stockholmresilience.org/contact-us/staff/2011-11-01-cornell.html> and

[https://www.researchgate.net/profile/Sarah\\_Cornell](https://www.researchgate.net/profile/Sarah_Cornell)

# Steffen Foss Hansen

**Institution:** Department of Environmental Engineering, Technical University of Denmark

**Type of institution:** Research, Academic

**Country:** Denmark

**e-mail:** [sfha@env.dtu.dk](mailto:sfha@env.dtu.dk)



**Area of work/research:**

Regulatory engineering, regulation, decision-support tools, risk assessment, DPSIR-analysis, Stakeholder analysis, uncertainty analysis, risk governance, nanomaterials, shale gas, microplastic

**Short Bio:**

Steffen Foss Hansen is Associate Professor in Regulatory Engineering at the Technical University of Denmark (DTU), Department of Environmental Engineering and NanoDTU. He has a Master of Techn. Soc. from Roskilde University, a PhD degree in environmental engineering from DTU and a Doctor Technicus (dr.techn.) from DTU. He conducts research into 1) how science and engineering can best be used in regulatory settings in situations pervaded by scientific uncertainty and complexity and 2) risk analysis, regulation and governance of nanotechnologies, and the applicability of decision-making tools under uncertainty. He has several scientific publications including six publications in Nature Nanotechnology and 60 ISI publications and his H-index is 16 (Web of Science). He is furthermore Associate Editor of the journals NanoImpact and Chemical Processes and Materials and is actively involved in the expert advisory group on nanotechnology of the World Health Organization and he is a Member of the ECHA Nanomaterial Working Group representing the European Environment Bureau on Scientific and Technical issues.

<http://www.dtu.dk/english/service/phonebook/person?id=28028&tab=1#tabs>

<http://www.regengrg.env.dtu.dk/>

<http://nanodb.dk/>

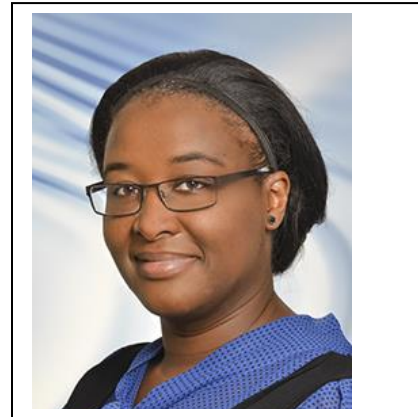
# Kenisha Garnett

**Institution:** Cranfield University

**Type of institution:** *Public body*

**Country:** United Kingdom

**e-mail:** [k.garnett@cranfield.ac.uk](mailto:k.garnett@cranfield.ac.uk)



**Area of work/research:**

Futures analysis, strategic / corporate foresight, strategic risk assessment, emerging risk analysis, environmental policy, risk governance, stakeholder and public engagement

**Short Bio:**

Kenisha has significant experience delivering strategic foresight research and consultancy services to EU and UK organisations. Her current research is developing underpinning robust foresight methodologies that link evidence-based strategic risk with value judgements to assess system resilience and the robustness of environmental policies, strategies and delivery mechanisms. Kenisha has led the development of medium and large scenarios projects and delivered a horizon scanning programme, focused on the long-term sustainability of environment and food systems to a UK pan-government futures partnership. The combination of fundamental and applied knowledge from engineering and social sciences, coupled with sound knowledge of deliberative strategies for stakeholder involvement in policy development, establishes Kenisha's expertise at the intersect of society and the environment.

Link to academic profile: <https://www.cranfield.ac.uk/people/dr-kenisha-garnett-845215>.

# Philippe Grandjean

**Institutions:** University of Southern Denmark and Harvard University

**Type of institution:** Academic

**Country:** Denmark and USA

**E-mail:** [pgrand@sdu.dk](mailto:pgrand@sdu.dk)

**Area of work/research:**

Environmental epidemiology, risk assessment, science translation into prevention policy



**Short Bio:**

Philippe Grandjean is an MD and DMSc. He serves as Professor of Environmental Medicine at the University of Southern Denmark, Odense, Denmark and as Adjunct Professor of Environmental Health at Harvard School of Public Health. He is also Consultant in Toxicology at the National Board of Health, Denmark. He serves on editorial boards of several scientific journals and in 2002 became a founding Editor-in-Chief of "Environmental Health" (see link below). In 2013, he became member of EEA's scientific committee, and he also serves on the World Health Organization's advisory committee on health research. Most of his >500 scientific publications relate to adverse effects in children exposed to chemical pollutants. His book "Only on chance - How Environmental Pollution Impairs Brain Development and How to Protect the Brains of the Next Generation" was published by Oxford University Press in 2013, and translations are now appearing (see website link). He also wrote the chapter on "Science for precautionary decision-making" for EEA's "Late Lessons of Early Warnings", vol. 2 (2013).

**For more see:**

<http://findresearcher.sdu.dk/portal/en/persons/philippe-grandjean%286fe207c8-8ce6-41b9-8503-bc15b6cf3ea1%29.htm>

<http://www.hsph.harvard.edu/philippe-grandjean>

<http://braindrain.dk>

<https://www.facebook.com/chemicalbraindrain>

<http://www.ehjournal.net>

# Jock (Colin) Martin

**Institution:** European Environment Agency (EEA)

**Type of institution:** EU Agency

**Country:** Denmark

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**Area of work/research:** Integrated Environmental Assessments



## Short Bio:

Jock Martin's academic background covers the fields of pure mathematics, statistics and economics. He has been involved in developing knowledge and assessments for the environment and sustainable development since 1991. Initially for six years at the Department for the Environment in the UK where he was an author of the first national indicator report on sustainable development alongside an annual report on key environmental trends of most relevance to policy. Since joining the EEA in 1997 he has been strongly involved in building capacities in the EEA's network of 33 member countries, on data, indicators, integrated assessments and knowledge in support to policy framing. He has authored several integrated assessment reports at the EU level focused on interactions between environmental systems, human health and well-being and economic developments in support to the long-term transitions to a green economy. He is presently Head of Integrated Environmental Assessments (IEA) at EEA covering knowledge developments for transitions to green economy for the key systems of production and consumption that most contribute to environmental pressures – food, mobility, energy and urban systems.



# Owen McIntyre

**Institution:** School of Law, University College Cork

**Type of institution:** University / Research

**Country:** Ireland

**E-mail:** [o.mcintyre@ucc.ie](mailto:o.mcintyre@ucc.ie)

**Area of work/research:** Environmental Law; Water Resources Law



## Short Bio:

**Prof. Owen McIntyre** is a Professor and the Director of Research at the School of Law, University College Cork. His principal area of research is Environmental Law, with a particular focus on International Water Law. He is Chair of the IUCN World Commission on Environmental Law's Specialist Group on Water and Wetlands, and an Honorary Lecturer at the UNESCO Centre for Water Law, Policy & Science, University of Dundee. He is a member of the Project Complaints Mechanism of the European Bank for Reconstruction and Development (EBRD) and a member of the Scientific Committee of the European Environment Agency. In 2014 Dr. McIntyre was appointed as an Honorary / Visiting Professor jointly by the School of Law and the Centre for International Boundary and Ocean Studies (CIBOS), Wuhan University and as an Honorary Associate by the China International Water Law (CIWL) Programme at Xiamen University Law School.

## For more see:

<http://research.ucc.ie/profiles/B012/omcintyre>

# Pierre Mottet

**Institution:** Ion Beam Applications / Xylowatt / Industry Association

**Type of institution:** Business

**Country:** Belgium

**E-mail:** [Mottet@iba.be](mailto:Mottet@iba.be)



## Short Bio:

University of Louvain, Belgium: Bachelor in Law, 1982 and MBA, 1984

Left IBM in 1987 to join IBA, a recently founded high tech company as Marketing and Sales Director. Grew the business from a research lab prototype cyclotron for medical radio-isotope production to a 200M€+, 1,500 people stock exchange listed worldwide operation at the forefront of radiation based medical imaging and cancer therapy as well as medical device sterilization & food pasteurization. Retired as CEO in 2012. Now chairman of the Board. Helped start up several companies in the field of medicine, venture capital, environmental consulting and bioenergy. Director in industry associations.

## Contribution to the Summer School:

Interested in fostering business-driven transformation towards sustainability. Participating to contribute personal viewpoint on business perspective, observe the process, learn from shared experience and think about developing possible events on the precautionary principle with the business community to foster transformation.

# Anton Shkaruba

**Institution:** Erda RTE / Estonian University of Life Sciences

**Type of institution:** *business / university*

**Country:** The Netherlands / Estonia

**e-mail:** [anton@mespom.eu](mailto:anton@mespom.eu)

## Area of work/research:

Vulnerability and adaptation, biodiversity conservation, sustainable forestry and physical planning

## Short Bio:

Anton Shkaruba is the director and partner of Erda RTE, senior researcher at Estonian University of Life Sciences (Chair of Environmental Protection and Landscape Management at the Institute of Agricultural and Environmental Sciences) and visiting lecturer at Central European University in Budapest (Department of Environmental Sciences and Policy). His background is geography (BSc minor in terrestrial hydrology, PhD in geographical ecology) and environmental science.

His expertise lies in vulnerability and adaptation analysis of forest and urban ecosystems; in biodiversity conservation, ecosystem governance and development of nature-based solutions; in mapping and visualisation environmental governance regimes; since recent also in governance of disasters and post-disaster sense-making and adaptation.

Dr. Shkaruba is teaching at Central European University courses on adaptation, sustainable forestry and carbon sequestration in ecosystems; he is visiting faculty at several universities in Belarus, Russia and Ukraine. Anton is regularly involved in summer schools and other intensive training sessions, both as a resource person an organiser, including summer schools of CEU SUN, Asia-Pacific Network, UNDP, Open Society Foundation and Swedish Institute.

His consultancy engagements were related to development of flexible mechanisms of Kyoto Protocol (UNDP Belarus), climate-proof cities and green infrastructure (EuropeAid, SIDA, UNDP); he was involved in institutional research grant projects at Central European University on ecosystem vulnerability research, and FP5-7 projects related to ecosystem management and governance of natural resources. Dr. Shkaruba is the lead author of IPBES Regional/subregional assessments on biodiversity and ecosystem services.

Dr. Shkaruba worked a lot in capacity building projects for higher education in Eastern Europe, including involvement to four Tempus, five Jean Monnet, two CBHE Erasmus+ and three Visegrad projects involving such countries as Belarus, Bhutan, India, Moldova, Mongolia, Russia, Ukraine and Vietnam, and organisation of research training networks for early stage faculty and researchers through grants from the Swedish Institute and Open Society Foundation.

<http://erda-rte.eu/anton>



# David Stanners

**Institution:** European Environment Agency

**Type of institution:** EU Agency

**Country:** Denmark

**E-mail:** [david.stanners@eea.europa.eu](mailto:david.stanners@eea.europa.eu)

**Area of work/research:**

Integrated assessment and sustainability science, scenarios and precaution, risk, uncertainty and complexity and lay, local and traditional knowledge, and citizen science.



**Short Bio:**

David Stanners is currently Head of Programme for Partnerships and Networks at the European Environment Agency (EEA). He was born in the UK in 1955.

David has worked extensively at the science-policy interface to support policy and decision-making on environment and sustainability issues. He has a BSc honours degree in Environmental Sciences from Lancaster University (UK) and holds a PhD from the same university on the fate and redistribution of artificial radionuclides in marine and coastal environments. He worked for the European Commission's Joint Research Centre, Ispra, Italy (1982-1990) on environmental radioactivity issues connected with the Euratom treaty, especially concerning high-level radioactive waste disposal and the environmental impacts of the radioactive fallout from the Chernobyl accident in 1986. In 1990 he was assigned to the European Commission's Task-Force in Brussels charged with preparing the setting up of the European Environment Agency (1990-94). During this period he led the development of the first report on the state of the pan-European environment, 'Europe's Environment: The Dobris Assessment' (1995).

Since 1994, he has been a senior manager at the EEA in Copenhagen. Between 1995-2001, he developed and managed EEA's first integrated assessment programme focused on developing policy-relevant assessments which included the production of EEA's first State and Outlook report (1999). As Head of Programme, Strategic Knowledge and Innovation (2001-2008), he was responsible for identifying, framing and communicating emerging environment and sustainability issues, including: setting up EEA's first scenario building activities; developing Arctic and Mediterranean assessments; managing the conceptualization and production of 'Late Lessons from Early Warnings: the precautionary principle' (2001); fostering engagement with non-EU Eastern European countries; and setting up EEA's regular production of EU and pan-European environmental assessments.

For the past 20 years David has worked extensively with UNEP, UNECE, WHO and other international organizations on the conceptualization, development and production of global and regional environmental assessments, including supporting the development of UNEP's Global Environmental Outlook process from its inception.

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David has an ongoing interest in integrated assessment and sustainability science; scenarios and precaution; risk, uncertainty and complexity; and lay, local, traditional knowledge and citizen science.

**Contribution to the Summer School:**

Course co-director, representing EEA, there to introduce EEA on the first day and the background context to the Late Lessons project, to contribute the EEA perspective throughout the week, to observe the process and contribute to the school with his own knowledge and experience and with EEA's visions and needs, reflecting on future activities. David will also be the person who will report on this activity back to EEA.

# Sybille van den Hove

**First Name:** Sybille

**Last Name:** van den Hove

**Institution:** Bridging for Sustainability SPRL

**Type of institution:** Research, Teaching, Consulting

**Country:** Belgium

**e-mail:** [Sybille@b4sd.eu](mailto:Sybille@b4sd.eu)

**Area of work/research:**

Sustainability transformation. Environmental sciences.

**Short Bio:**

Sybille is Director of *Bridging for Sustainability*, a small research, teaching and consulting company in Belgium. Her background is in physics and ecological economics.

Her core expertise is in sustainability governance; science-policy interfaces; decision-making and policy formation under conditions of complexity; integration of natural and social sciences research; environmental research strategies; and sustainability strategies of corporations. Recently she has focused on biodiversity governance (including in particular deep-sea issues); precaution and innovation; and business transformations towards sustainability. She has also worked on issues such as: radioactive waste management policies, the EU chemical and pesticides policies, developing business biodiversity strategies and institutionalisation of corporate social responsibility.

She regularly teaches aspects of environmental science and governance at environmental science summer schools, as well as business transformation towards sustainability in business schools. She initiated the summer school in the precautionary principle in 2015 and has been co-organizing it ever since.

Sybille is the former chair of the Scientific Committee of the European Environment Agency. She is a Member of the Board of Directors, IBA (Ion Beam Applications, SA). She is also a member of the following bodies: the Scientific Council of Institut du Développement Durable et des Relations Internationales (IDDRI), Paris; the Jury of the Volvo Environment Prize; the editorial board of the Oxford Research Encyclopedia: Environmental Science; and the Strategic Advisory Board of the Eklipse project.

She was involved in a series of EU funded research projects including: SPIRAL (Science-Policy Interfaces for Biodiversity: Research, Action and Learning); MIDAS (Managing Impacts of Deep-sea resource exploitation); SCALES (Securing the Conservation of biodiversity across Administrative Levels and spatial, temporal, and Ecological Scales); HERMIONE (Hotspot Ecosystem Research and Man's Impact on European Seas); HERMES (Hotspot Ecosystem Research on the Margins of European Seas); RUBICODE (Rationalising Biodiversity Conservation in Dynamic Ecosystems); GoverNat (Multi-level Governance of Natural Resources: Tools and Processes for Water and Biodiversity Governance in Europe); BioStrat (Developing the EU Biodiversity Research Strategy); and PATH (Participatory Approaches in Science and Technology).

<http://twitter.com/@SybillevdH>

