

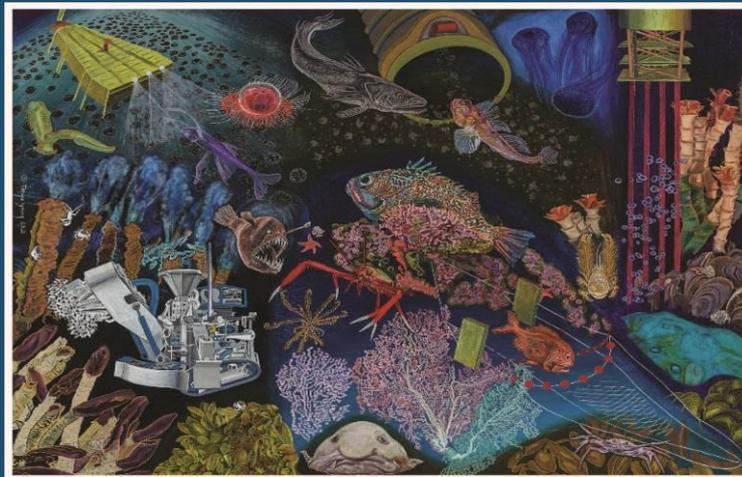
SHEDDING LIGHT ON THE DEEP SEA: WHAT WE KNOW AND WHY IT MATTERS

Sponsored by the International Union for Conservation of Nature (IUCN), the J.M. Kaplan Fund and Gallifrey Foundation, in partnership with the Deep-Ocean Stewardship Initiative (DOSI), we hereby invite you to a briefing during the UN States Parties to the Law of the Sea Convention:

Thursday 14 June 2018, 13.15 – 14.30

(Lunch Provided)

Conference Room 11, UN Headquarters NY



Artwork by Tanya Young

Our Topics:

Discovering the Deep: Life in the “other world” of our planet and its special features.

Verena Tunnicliffe, University of Victoria, Canada; DOSI Minerals Working Group Lead.

Looking Forward into the Deep: Implications for Humanity. Lisa A. Levin, Center for Marine

Biodiversity and Conservation, Scripps Institution of Oceanography, UC San Diego, USA;
DOSI Executive

Translating deep-sea science to policy. Kristina M. Gjerde, Senior High Seas Advisor, IUCN Global
Marine and Polar Programme, Cambridge, MA, USA; DOSI Executive

Our Focus:

Ocean environments deeper than 200 meters account for about 90% of the habitable space on the planet. As the interests and impacts of humans move deeper, understanding more of this submarine world can inform our decisions.

Professor **Verena Tunnicliffe** will describe advances in our understanding of deep ocean ecosystems in the past 35 years since UNCLOS was agreed. Over that time, she has explored hot vents, seamounts and other habitats where the extreme conditions have required novel solutions. She will share images and ideas for further discussion.

Lisa Levin is a Distinguished Professor at Scripps Institution of Oceanography and co-lead for both the Deep-Ocean Stewardship Initiative and the Deep-Ocean Observing Strategy. She will discuss deep-ocean connections and changing conditions, benefits derived from the deep ocean by humans, and considerations for management.

Kristina Gjerde, who in addition to her work with IUCN, is an adjunct professor of international marine law at the Middlebury Institute of International Studies in Monterey, California, will explore the policy implications of what is now known about the deep ocean, as well as what is not known, with a focus on marine areas beyond national jurisdiction.



The International Union for Conservation of Nature (IUCN) is a membership Union uniquely composed of both government and civil society organisations. It provides public, private and non-governmental organisations with the knowledge and tools that enable human progress, economic development and nature conservation to take place together. Created in 1948, IUCN has evolved into the world's largest and most diverse environmental network, with 1,300 Member organisations and some 10,000 experts.

The Deep Ocean Stewardship Initiative (DOSI) is a multidisciplinary partnership seeking to integrate science, technology, policy, law and economics to advise on ecosystem-based management of resource use in the deep ocean within and beyond national jurisdiction. It functions by gathering expertise across disciplines, jurisdictions and industrial sectors to foster discussion, provide guidance and facilitate communication. DOSI currently has 600 members from 40 Countries.

www.dosi-project.org

