

# TSL 2021 SCHOOLS' SUMMIT PARTNER POWER



## Workshop Contributors

### BIODIVERSITY PROTECTION: What is the value of biodiversity to young people? (July 7)

- [Compass Education](#) *Workshop 1- Introduction to Systems Thinking with the Sustainability Compass*  
This session highlights a tool called the Sustainability Compass, which engages us in systems thinking – a way of looking at the world that emphasizes interconnectivity and interdependence. Join us as we demonstrate ways that this powerful tool can integrate into your teaching and learning plans to help learners think critically and deeply about the topics they study and our global community.

### UNDERSTANDING: How do we measure biodiversity? (July 8)

- *Investigating Biodiversity from Space*  
**Dr Emma A Taylor** will be leading us on a journey “From satellites to seaweed” and sharing how satellites can be used to monitor and protect both species and habitats, as well as considering the challenges involved in collecting space age data and having a sustainable space mission!
- *Exploring Diversity through the Tanka (Developing persuasive arguments)*  
St. Lucian writer **Alicia Valasse-Polius** invites students and teachers to join her ‘Exploring Diversity through the Tanka’ and discover creative and powerful new ways to develop persuasive arguments and share their thoughts and ideas on biodiversity in this poetry workshop.

### BIODIVERSITY PARTNERS: How can youth and schools help protect biodiversity? (July 9)

- [Compass Education](#) *Workshop 2 - Using the Iceberg to Deepen our Understandings*  
This session dives deep into using the Iceberg model, a systems thinking tool designed to evaluate a problem or event by examining the root causes, underlying structures and mental models that can trigger it. As we deepen our understanding, we can develop new perspectives and more effective and sustainable solutions.

### NEXT STEPS: What’s next for young people and biodiversity? (July 10)

- *Biodiversity, Biobased and Biodegradability*  
**Dr Pouya Samani** is an assistant professor at the Sustainability group of Aachen-Maastricht Institute for Biobased Materials (AMIBM), Maastricht University. During this workshop he will share his research in sustainability assessment and biobased materials (products which include materials, chemicals and energy derived from renewable biological resources) and how they can support the SDG’s.
- *Sacha Dench, Conservation Without Borders- Taking Action for Conservation*  
Conservation Without Borders looks at these global challenges from different angles, through the eyes of migratory species, the most threatened animals on the planet. Their journeys, and the critical habitats they depend on, connect us around the world, across boundaries of nations, languages, politics...  
Conservationist, adventurer and UN Ambassador for Migratory Species **Sacha Dench** joins us to share the story of her incredible [Round Britain Climate Challenge](#) and her upcoming [Flight of The Osprey Expedition](#) and considering how youth can get involved and take action to protect biodiversity.