



Ocean Science for Sustainable Development 15-16 November 2023

The [National Science and Technology Forum \(NSTF\) @NSTF_SA](https://nstf.org.za) is hosting this [discussion forum](https://nstf.org.za/2023/10/24/ocean-science-for-sustainable-development-15-16-november/) <https://nstf.org.za/2023/10/24/ocean-science-for-sustainable-development-15-16-november/> to bring together various researchers and professionals to highlight South African scientific work on ocean health, as well as the extent of data gathered through observation systems in South Africa (SA). Gaps and challenges will be shared in this regard, to formulate recommendations.

Programme

Day 1: 9:00 to 13:00

Time starting	Time ending	Topic	Speaker/ Organisation
9:00	9:10	Welcome to participants and introductions; programme, outputs, and intended outcomes	Ms Jansie Niehaus, Executive Director: NSTF
09:10	09:50	Unlocking the blue economies and protecting our coastlines from the effects of climate change	Prof Andrew Green , Marine Geology, University of KwaZulu-Natal (UKZN); Visiting Professor: University of Ulster, Northern Ireland; and winner of the 2023 Special Annual Theme Award: Ocean Science for Sustainable Development of the NSTF-South32 Awards @UKZN
09:50	10:00	Q&A	ALL

10:00	10:30	What observation of the ocean is being done in SA, and what data is available?	<p>Prof Juliet Hermes, Manager and Oceanographer, South African Environmental Observation Network (SAEON)</p> <p>@Saeonnews</p>
10:30	11:00	Coastline responses to climate change in SA	<p>Prof Jasper Knight, Professor: School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand (Wits)</p> <p>@WitsUniversity</p>
11:00	11:30	South Africa and the UN Ocean Decade: The Science we need for the Ocean we want - Is NEMA sufficient?	<p>Dr Ashley Johnson, Director: Oceans and Coast, Department of Forestry, Fisheries and the Environment (DFFE)</p> <p>@environmentza</p>
11:30	12:00	Navigating Science for Sustainable Decision making: The case of the African Penguin	<p>Dr Cloverley Lawrence, Marine Scientist: South African National Parks (SANParks)</p> <p>@SANParks</p>
12:00	12:30	How are shark species threatened along SA's coast and what should be done about it?	<p>Dr Sara Andreotti, Marine Biologist, Co-founder and Chief Operations Officer: SharkSafe Barrier (winner of the 2020 Green Economy Award of the NSTF-South32 Awards)</p> <p>@SharksafeB</p>
12:30	13:00	Q&A and discussion	All

Day 2: 9:00 to 13:00

Time starting	Time ending	Topic	Speaker/ Organisation
09:00	9:10	Welcome to participants & introductions	Ms Jansie Niehaus , Executive Director: NSTF
9:10	9:50	Ocean governance in a changing African context	Ms Judy Beaumont , Director: International Ocean Institute – Southern Africa (IOISA) @IOISA3
9:50	10:00	Q&A	ALL
10:00	10:40	“No water, No life, No blue, No green” – Where to mitigation and adaptation?	Prof Colleen Vogel , Professor: Global Change Institute (GCI) @WitsGCI
10:40	11:20	Impacts of global change on coastal fish and fisheries, with potential strategies for adaptation	Prof Warren Potts , Researcher, Lecturer, Supervisor and Course Coordinator, Department of Ichthyology and Fisheries Science: Rhodes University; and Head: Southern African Fisheries Ecology Research Lab @Rhodes_Uni
11:20	12:00	What observation of the ocean is being done in SA, and what data is available?	Prof Thomas Bornman , Coastal Node Manager: SAEON @Saeonnews
12:00	13:00	Q&A and discussion	All

Hashtags: #OceanSustainability #OceanConservation #marinelife #oceanlife #climatechange #coastalimpacts #oceanlaws #humanimpacts #OceanBiodiversity

Follow up and share: Presentations, proceedings, and media release will be available on the [event page](#). Video clips will be posted to this website page, as well as the [NSTF YouTube platform](#) (see details below)

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