

# Program

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## SESSION 6: MARINE EXTREME EVENTS: IMPACTS, FORECASTING, AND RISK MANAGEMENT

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Thur 25 Nov.	UTC 0:00-03:30 <a href="#">Click to find your local time</a>	
Moderator	<b>Alistair Hobday</b>	
00:00 - 00:05	<a href="#">Welcome and Introduction</a>	
Keynote speech		
0:05 - 0:30	<b>Neil Holbrook</b> Impacts of marine heatwaves on tropical western and central Pacific Island nations and their communities	
Oral presentations		
0:30 - 0:45	<b>Riza Setiawan</b> Impacts of tropical cyclone Seroja on the phytoplankton chlorophyll-a and sea surface temperature in the Savu Sea, Indonesia	[S6-1]
0:45 - 01:00	<b>Jianzhong Ge</b> Impacts of fluvial flood on physical and biogeochemical environments in estuary–shelf continuum in the East China Sea	[S6-2]
01:00 - 01:15	<b>Maxime Marin</b> Local drivers of extreme upper ocean marine heatwaves assessed using a global ocean circulation model	[S6-3]
01:15 - 01:30	<b>Ying Zhang</b> Long-lasting marine heatwaves instigated by ocean planetary waves in the tropical Indian Ocean	[S6-4]
01:30 - 01:40	<a href="#">Break</a>	
01:40 - 01:55	<b>Dongxiao Wang</b> The role of ocean–atmosphere coupling in the 2017 extreme coastal El Niño	[S6-5]
01:55 - 02:10	<b>Grant Smith</b> Predicting marine heatwaves over seasonal timescales in the Pacific	[S6-6]
02:10 - 02:25	<b>Fabio Boschetti</b> Statistical prediction of marine heatwaves via machine learning	[S6-7]
02:25 - 02:40	<b>Simon Nicol</b> Use of species distribution models to extend the capabilities of ecological risk assessments to quantify the vulnerability of sharks to fishing impacts under a changing climate	[S6-8]
Speed-Talk presentations		
02:40 - 02:42	<b>Tolulope Emmanuel Oginni</b> Ocean response to Super-Typhoon Haiyan	[S6-9]
02:42 - 02:44	<b>Ming Feng</b> Monitoring marine heatwaves and impacts using an ocean observing system	[S6-10]
02:44 - 02:46	<b>Imane Joudar</b> Application of swan and swash models to the marine submersion hazard on the Moroccan coast: Case of El Jadida bay	[S6-11]
02:46 - 02:48	<b>Jonson Lumban-Gaol</b> Understanding the impact of monsoon, El Niño and Indian ocean dipole events on oily sardine ( <i>Sardinella lemuru</i> ) production using ocean color data in the Bali Strait, Indonesia	[S6-12]

02:48 - 02:50	<b>Yanzhen Du*</b> Characteristics and drivers of summer marine heatwaves in the Kuroshio-Oyashio Extension region	[S6-13]
02:50 - 02:52	<b>Hey-Min Choi</b> Deep-learning model for sea surface temperature prediction near the Korea Peninsular	[S6-14]
02:52 - 02:54	<b>Dahlia Foo</b> Capturing the impact of extreme weather events on the survival of endangered New Zealand sea lions	[S6-15]
02:54 - 02:56	<b>Abu Hena Muhammad Yousuf</b> Marine pollution in Bangladesh: A critical analysis of the legal and institutional regimes for the sustainable ocean governance	[S6-16]
02:56 - 03:25	<a href="#">Discussion</a>	
03:25 - 03:30	<a href="#">Closing</a>	

\*Attendance unconfirmed