

Topic 6 Symposium 2022

Tuesday 21 June 2022

Subtopic Highlights: ST6.1 Future ecosystem functionality - Plenary (13:05 - 13:50)

-Conveners: Helmut Hillebrand

time	[id] title	presenter
13:05	[2] Climate driven projections of global marine biodiversity predict prevailing loss of habitat suitability and range disjunctions	HODAPP, Dorothee
13:20	[3] The FRAM Observatory: Continuous observations link sea-ice cover, hydrography, the biological carbon pump and microbial seasonality in the Arctic Ocean	BIENHOLD, Christina WIETZ, Matthias
13:35	[4] Evaluating Strategies for Marine Governance: Perceptions, Practices and Politics	PETERS, Kimberley

Subtopic Highlights: ST6.2 Adaptation of marine life: From genes to ecosystems - Plenary (13:50 - 14:35)

-Conveners: Thorsten Reusch; Uwe John

time	[id] title	presenter
13:50	[5] Rapid adaptation to experimental global change	BRENNAN, Reid
14:05	[6] Coral holobionts and the coral reef crisis	ROIK, Anna
14:20	[7] Under the INSPIRES umbrella: Complementary studies assessing phytoplankton responses to climate change – from single organisms to community dynamics	UTHOFF, Antonia

Subtopic Highlights: ST6.3 Future biological carbon pump - Plenary (15:05 - 15:50)

-Conveners: Morten Iversen; Anja Engel

time	[id] title	presenter
15:05	[8] Enhanced silica export in a future ocean triggers global diatom decline	TAUCHER, Jan
15:20	[9] Light, iron and manganese availability: major drivers of Southern Ocean phytoplankton ecology and productivity	BALAGUER, Jenna
15:35	[10] Anthropogenic controls on marine nitrogen and iron biogeochemical feedbacks and their impact on tropical ocean productivity and deoxygenation	SOMES, Christopher

Subtopic Highlights: ST6.4 Use and misuse of the ocean: Consequences for marine ecosystems - Plenary (15:50 - 16:35)

-Conveners: Ilse van Opzeeland; Gunnar Gerds; Eric Achterberg

time	[id] title	presenter
15:50	[11] JPI Ocean Project MiningImpact: Outcomes and policy implications	HAECKEL, Matthias
16:05	[12] Munition compounds in coastal systems	BECK, Aaron
16:20	[13] Occurrence of Microplastics along the Norwegian coastline up to Bear Island south of Svalbard	GERDTS, Gunnar