

## North-East Asian Marine Protected Areas Network (NEAMPAN) Webinar

### Climate change and marine protected areas

14:00-16:00 (GMT+9), 20 July, Virtual

#### BACKGROUND

The impacts of climate change on marine and coastal ecosystems are evident. The recently released WMO State of the Global Climate 2021 report identified four key climate change indicators – sea level rise, ocean heat, ocean acidification and greenhouse gas concentrations – set alarming new records in 2021.<sup>1</sup> The Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC-AR6) also stressed the need to raise the level of ocean protection to prevent further damage from pollution, habitat fragmentation and resource overexploitation.

Unlike the Kyoto Protocol adopted in 1997, the Paris Agreement brought a turning point for recognising the oceans into the climate negotiations by explicitly including the ocean within its Preamble. 112 out of 161 countries acknowledged means for ocean-based mitigation and adaptation strategies, including coastal and marine nature-based solutions, in their initial Nationally Determined Contributions in 2015.<sup>2</sup> Noting that marine protected areas (MPAs) are designated with long-term conservation aims to conserve ecosystems and support livelihoods in the coastal areas, MPAs could play a critical role in combating climate change and restoring ecosystem resilience. However, impact assessment on MPAs by climate change, and discussions on MPA's role to combat climate change have not yet been made sufficiently in North-East Asia.

Against this backdrop, the webinar aims to discuss,

- National and local-level policies to address climate impact on marine protected areas;
- Nationally Determined Contributions related to marine protected areas;
- Climate change adaptation and/or mitigation in MPA management plans; and
- Role of the MPA network to better support national and local-level policies and management plans.

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<sup>1</sup> State of the Global Climate 2021, World Meteorological Organization (2022)

<sup>2</sup> Lecerf, M., Herr D., Thomas, T., Elverum, C., Delrieu, E. and Picourt, L., (2021), Coastal and marine ecosystems as Nature-based Solutions in new or updated Nationally Determined Contributions, Ocean & Climate Platform, Conservation International, IUCN, GIZ, Rare, The Nature Conservancy and WWF

## PROVISIONAL PROGRAMME (GMT+9)

14:00-14:05	Opening
14:05-15:55	<ul style="list-style-type: none"><li>• <b>Presentations</b><ul style="list-style-type: none"><li>○ <u>Setting the tone:</u><ul style="list-style-type: none"><li>▪ <b>Ms. Purificació Canals</b>, Technical Coordinator of EU Ocean Governance Project and President of Mediterranean Protected Areas Network (MedPAN)</li><li>▪ <b>Ms. Sara Hutto</b>, Ocean Climate Program Coordinator for NOAA Greater Farallones National Marine Sanctuary</li></ul></li><li>○ <u>Country presentations:</u><ul style="list-style-type: none"><li>▪ <b>Dr. Qu Fangyuan</b>, First Institute of Oceanography, Ministry of Natural Resources, China</li><li>▪ <b>Prof. Makino Mitsutaku</b>, Atmosphere and Ocean Research Institute, University of Tokyo</li><li>▪ <b>Dr. Jungho Nam</b>, Research Fellow, Korea Maritime Institute</li></ul></li></ul></li><li>• <b>Discussions and Q&amp;A</b><ul style="list-style-type: none"><li>○ Role of each MPA and MPA Network on climate change</li></ul></li></ul>
15:55-16:00	Closing