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**The First Webinar on the Effects of Climate Change on the Indian Ocean Marine Environment**

**10 May 2021**

**11:00 to 15:45 at Tehran time (GMT+4:30)**

**ONLINE**

**Programme**

The overview of the workshops is based on three themes that cover the climate change over the Indian Ocean and marginal seas:

**Workshop 1-Theme 1:** Overall view, May 10, 2021

**Workshop 2-Theme 2:** Oxygenation and acidification, September 2021

**Workshop 3-Theme 3:** Ecology of marginal seas, December 2021

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| **May 10 2021** | | | | | | | | | | |
| **Time**  **(GMT +4:30)** | **11:00-11:10** | **11:10 – 11:40** | **11:40- 12:20** | **12:20 -13:00** | **13:00- 13:40** | **13:40 – 14:15** | **14:15 – 14:50** | **14:50 – 15:15** | **15:15 – 15:35** | **15:35 – 15:45** |
| **Name of Speaker** | Workshop Moderator-  Welcome Speech | **Dr. Nafiseh Pegahfar,**  *Assistant Professor, Department of Atmospheric Sciences, Iranian National Institute for Oceanography and Atmospheric Science* | **Dr. Juliet Hermes**  *Assistant Professor, University of Cape Town, South Africa* | **Dr. Parvin Ghafarian,**  *Assistant Professor, Head of Department of Atmospheric Sciences, Iranian National Institute for Oceanography and Atmospheric Science* | **Break** | **Dr. Roxy Mathew Koll**  *Scientist, Centre for Climate Change Research, Indian Institute of Tropical Meteorology, Ministry of Earth Sciences, India* | **Dr. Alizadeh Choobari**  *Associate Prof., Institute of Geophysics, University of Tehran, Iran* | **Prof. James Terry**  *Professor. College of Natural and Health Sciences, Zayed University, Dubai, UAE* | **Dr. Gholamreza Mohammadpour**  *Assistant Professor, Department of Atmospheric Sciences, Iranian National Institute for Oceanography and Atmospheric Science* | **Workshop Moderator** |
| **Session Title** | Opening | Potential effects of climate change on the extreme events | Modelling, observing  and understanding variability in the Indian Ocean | Variation of atmospheric parameters and related outcomes |  | Understanding and monitoring climate change in the Indian Ocean | Advances and challenges in climate predictions on sub-seasonal to decadal timescales and projections of future climate change | Observed spatio-temporal patterns in tropical cyclone activity in the Arabian Sea | Biogeochemical processes in littoral waters and the influence of anthropogenic activities within time and space | **Closing Remarks** |