



National Centre for Polar and Ocean Research

Cordially Invites You for Celebrating

21

Foundation Day

Exploring the poles and surrounding oceans

On Monday, 5th April, 2021

JOIN US ONLINE
10:30 - 12:30 IST

Programme Link: <https://youtu.be/1ury6SUDfTw>.



celebrating **21** years of EXISTENCE

INDIA@75
AZADI KA
AMRIT MAHOTSAV

Foundation Day Programme

10:30-12:30 IST

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AMRIT MAHOTSAV

Welcome Address



Dr. M. Ravichandran
Director, NCPOR

Address by Chief Guest



Dr. M. Rajeevan
Secretary, Ministry of Earth Sciences
Government of India



Foundation Day Lecture



Prof. Steven L Chown
Monash University, Melbourne, Australia
Former President, SCAR

Vote of Thanks



Dr. Rahul Mohan
Scientist, NCPOR



Prof. Steven L Chown

Foundation Day LECTURE

11:00-12:15 IST

Collaborative International Antarctic Research and our Coming Future

Background on the talk

Antarctica and the Southern Ocean are critical elements of the Earth System, vital for the future of environments, biodiversity and human society. The extent to which we achieve our ambitions with the Sustainable Development Goals depends on the future of the region. A region which is changing rapidly, with attribution to the influence of human impacts on the global climate system becoming more certain. Ensuring that we understand the role of Antarctica and the Southern Ocean in the Earth System, and can assist decision-makers with appropriate policy, requires integrated international research effort, with contributions from multiple countries and disciplines. SCAR's new Scientific Research Programmes provide an exceptional vehicle for such integration and collaboration. They build on the successes of their predecessors and provide promising new ways of collaboration in a fast-evolving world. The outcomes of internationally collaborative Antarctic research have rarely been so pressingly required or so important to society.

Steven L. Chown is Professor of Biological Sciences at Monash University, Melbourne, Australia, and Director of Securing Antarctica's Environmental Future, an Australian Research Council Special Research Initiative. Previously he established and was inaugural Director of the South African Centre of Excellence for Invasion Biology (2004-2012). His research mainly concerns biodiversity variation through space and time, and the conservation implications of environmental change, including the means to mitigate it. He co-developed the field of macrophysiology – the investigation of large-scale patterns in and processes underlying physiological variation and their ecological implications. He has worked in Australia, Africa, the Pacific, the UK, and in the broader Antarctic region, where he has over 30 years of field experience. Owing to his interest in the science-policy interface he has for many years represented the Scientific Committee on Antarctic Research (SCAR) at the Antarctic Treaty Consultative Meetings, providing scientific advice on a broad range of environmental and science policy matters. He was President of SCAR (2016-2021), and is an elected member of the American Academy of Arts and Sciences and a Fellow of the Royal Society of South Africa.

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#AmritMahotsav