

ZOOM INTO SCHOOLS

**MARINE SCIENTIST OUTREACH
PROGRAM 2020**

COORDINATED BY



WESTERN AUSTRALIAN
MARINE SCIENCE
INSTITUTION



ZOOM INTO SCHOOLS: WEEKLY ON WEDNESDAYS AT 12.10PM VIRTUAL CLASSROOM WITH MARINE SCIENTISTS

In response to the challenging circumstances in education, marine scientists from across WA have come together to provide engaging immersive experiences for Marine and Maritime Studies students in WA. Scientists from organisations such as UWA, ECU, Curtin, Murdoch, CSIRO, AIMS, DBCA and DPIRD will be virtually entering classrooms across WA to present on curriculum based topics and answer questions from students. Join the zoom session live or share the recorded session with your students.

Access Live

When: Wednesdays 12.10pm
Where: Zoom link/Meeting ID and passwords will be sent out weekly
How: Access the link on your lap top, project it on your classroom screen, mute audio, (optional) have camera pointed towards class, post questions in the chat room

Can't make it live?

Videos will be recorded and posted to teachers via email to be distributed to class by teacher.

MEET OUR PRESENTERS FOR WEEK 1

PROFESSOR ANAS GHADOUANI MAY 6TH

Topic: Issues affecting Australia's marine environment: water quality, pollutions issues, microplastics, wastewater discharge, zooplankton, phytoplankton, blue economy.

Professor Ghadouani is an internationally recognised water expert. He is a professor of environmental engineering and leader of the research group Aquatic Ecology and Ecosystem Studies at The University of Western Australia. The group focuses on water resources (water and wastewater), ecological engineering and environmental engineering, with an emphasis on the development of innovative technologies.



For more information contact:

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Coming Up

MEET OUR PRESENTERS FOR WEEK 2 AND 3

PROFESSOR CHAD L. HEWITT MAY 13TH

Topic: What are introduced species, why they are a problem, how they get here, why should we act, and what we are doing.

Professor Chad Hewitt is the Director of the Biosecurity Research Centre at the Harry Butler Institute and Murdoch University Defence Research Coordinator. His research revolves around the role humans' play in changing the natural world, particularly in marine systems. Prof. Hewitt's research has primarily focused on how humans have transferred species around the globe, the consequences of those movements in ecological and evolutionary contexts, and the ways that we can predict, prevent and/or mitigate the impacts of these novel species.

Professor Hewitt started with a Bachelor of Arts from the University of California, Berkeley (USA) in both Biology and Fine Arts, and a PhD in Biological Science from the University of Oregon (USA)



PROFESSOR CHARI PATTIARATCHI MAY 20TH

Topic: The impact of enhanced greenhouse effect on global sea levels and thermohaline currents

Professor Charitha (Chari) Pattiaratchi holds Bachelors, Masters and PhD degrees from the University of Wales, UK. He has been at UWA for over 30 years and currently holds the Professor of Coastal Oceanography. Professor Pattiaratchi has played an active role in examining climate change effects in coastal regions of Western Australia and particularly in terms of ocean currents, wind and wave climate, sea level variability, coastal flooding and beach stability.

He has been involved in trying to find Malaysian airlines MH370 which is suspected to have crashed into the ocean in 2014, and in his spare time he has modelled the best route for the Rottneest Channel swimmers based on the ocean currents.

