

List of projects for the COMNAP Antarctic Fellowship 2018

Priority Topics for 2018 are:

- Operation and management of Antarctic aviation capabilities, including, but not limited to application of remotely piloted aircraft for scientific, operational or conservation purposes.
- Alternative energy systems in cold climate and any cold climate engineering: including, but not limited to buildings, mechanical, systems, remote autonomous systems.
- Best collaborative use of new marine research vessels in support of science, including advanced exchange of science voyage information.
- Understanding the environmental issues from direct human impacts arising from Antarctic science and operations including cumulative impacts; Understanding plastic waste introduction and removal options so as to eliminate introduction of plastics including micro-plastics from the Antarctic environment; understanding management implications of environmental change to National Antarctic Program activities.
- Human safety, including, but not limited to equipment, clothing, operating procedures and search and rescue.
- Legal/administrative issues relating to COMNAP's internal functioning and/or its relationship with any other component of the Antarctic Treaty System.
- Improving, developing or exchanging information on education and outreach related to National Antarctic Program / COMNAP activities.