Special Issue to celebrate 30 years of activity in Svalbard research station Dirigibile Italia

In 2027, Dirigibile Italia, one of the observatories contributing to the Ny-Ålesund Research Station, managed by the National Research Council (CNR), will celebrate 30 years of continuous, multidisciplinary scientific activity in Svalbard.
To celebrate this important milestone, the CNR is promoting a dedicated Special Issue that will be co-published in two Elsevier journals:

Cold Regions Science and Technology https://www.sciencedirect.com/journal/cold-regions-science-and-technology
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Thematic areas: Cryosphere, ecological studies, permafrost, technological development, remote sensing.

Dynamics of Atmospheres and Oceans https://www.sciencedirect.com/journal/dynamics-of-atmospheres-and-oceans/
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Thematic areas: Oceanography, marine studies, marine biology, atmosphere, pollutants.

The areas indicated for the two journals are indicative; specific proposals may be discussed with the journal editors. Key scientific topics include:
• Long-term environmental and climate monitoring in the Arctic
• Developments in remote sensing and in situ observation technologies
• Permafrost and cryosphere dynamics in a changing climate
• Stressed Arctic marine and terrestrial ecosystems
• Atmospheric and aerosol studies from high-latitude observatories
• Local and long-range anthropogenic pollution
• Technological developments for polar monitoring and logistics
• Processes and measurements in the upper atmosphere and circumterrestrial space
Contributions from research groups that have received support or collaborated with Dirigibile Italia over the past decades are particularly welcome.

Submissions open: February 28, 2026
Submission deadline: September 30, 2026
We warmly invite the entire scientific community active in Ny-Ålesund to participate in this initiative, helping to enhance three decades of scientific activity, international collaboration, and the Italian presence in the Arctic.
For further information on submission procedures, please contact the contacts listed above.
We look forward to hearing from you and thank you for your continued commitment to Arctic research.