



INTAROS

WP7 - Dissemination and outreach



The
University
Of
Sheffield.



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WP 7 – Objectives

- **Disseminate Project Results to raise awareness of Arctic challenges**
- **Inform and engage users and stakeholders**
- **Build capacity in using INTAROS products and services**

All partners have a role to play in raising the profile of INTAROS and ensuring its achievements are widely disseminated

WP 7 – Work breakdown structure

Task 7.0 Coordination of the Workpackage; Lead: USFD

Task 7.1 Plan and support dissemination activities; Lead: EurOcean

Task 7.2 Informing decision-makers in European agencies and businesses; Lead: EurOcean

Task 7.3 Informing Arctic and international bodies; Lead: EurOcean

Task 7.4 Interdisciplinary science dissemination; Lead: USFD

Task 7.5 Capacity building for early-career scientists; Lead: EurOcean

Task 7.6 Capacity building for high-school and general public; Lead: GINR

Task 7. 7 Capacity building for local communities and civil society organizations; Lead: NORDECO

WP 7 – Deliverables

D7.1 Project Website; Resp. Eurocean

D7.2 Printed Materials; Resp. Eurocean

D7.3 Dissemination Plan; Resp. NERSC

D7.4 Dissemination material for use towards decision makers, stakeholders, business and general public; Resp. NERSC

D7.5 Dissemination Plan V2.0; Resp. NERSC

D7.6 OceanObs 2019 Contribution Resp. EuroGOOS

D7.7 Education material V1; Resp. GINR

D7.8 Dissemination material V2; Resp. NERSC

WP 7 – Deliverables

D7.9 Educational material V2; Resp. IGPAN,

D7.10 Special issue; Resp. USFD

D7.11 Scientific capacity building; Resp. EurOcean

D7.12 Educational packages for scientists; Resp. EurOcean

D7.13 Arctic in a class room; Resp. USFD

D7.14 Proceedings of CBO workshop ; Resp. Nordeco

D7.15 Final summary for policy makers; Resp. EurOcean

D7.16 Final project even in Brussels; Resp. NERSC



WP7 - Partners Directly Involved

- **AU**
- **DTU**
- **EUROCEAN**
- **FMI**
- **GEUS**
- **GINR**
- **IGPAN**
- **NERSC**
- **NORDECO**
- **OU**
- **SMHI**
- **TDUE**
- **U Helsinki**
- **USFD**





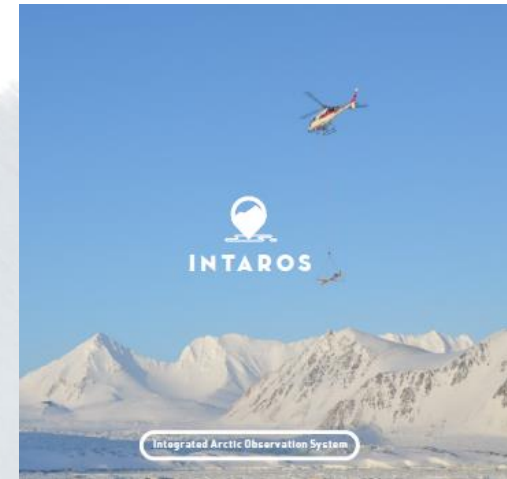
So, what are we planning to do?

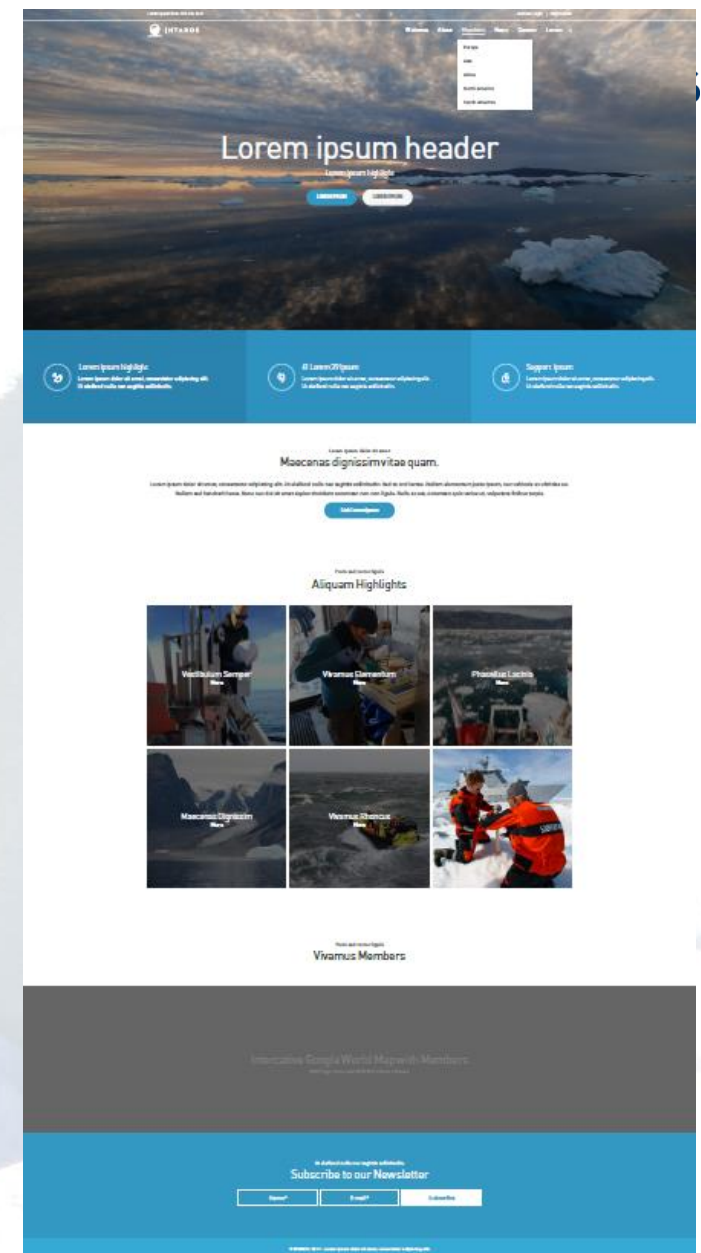
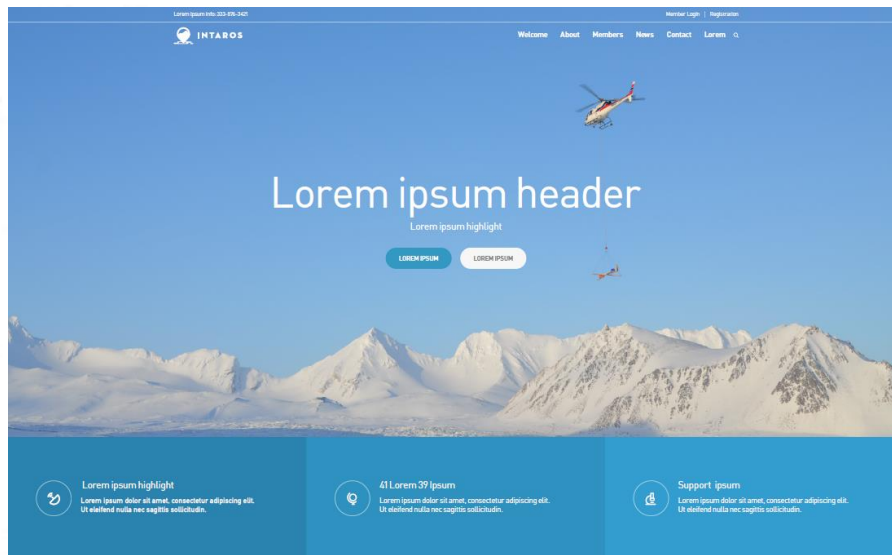
Communication to Public

- **Disseminate to the public: project website, social media, blogs, printed material, etc.**



INTAROS





Communication to Scientific Community

- **Interdisciplinary science dissemination**
 - ✓ **Wide dissemination publications**
 - ✓ **Special sessions at EGU, AGU, OceanObs, Artic Science Summit week, etc.**
 - ✓ **Special issue in open source scientific journal**

NEWS & VIEWS

RESEARCH

BIOGEOCHEMISTRY

Long-term effects of permafrost thaw

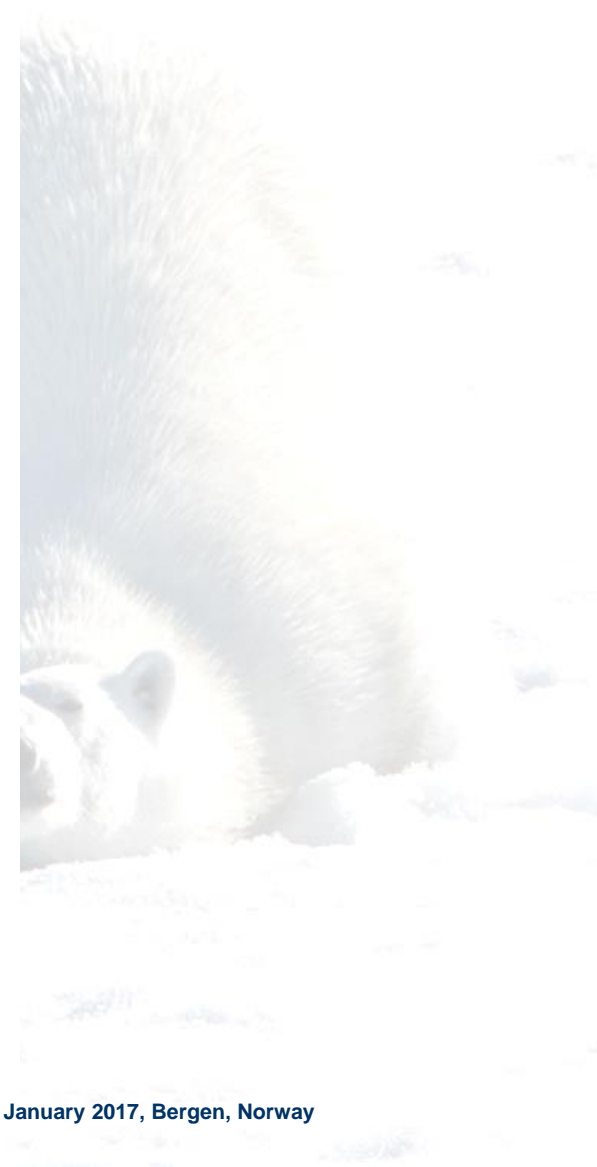
Carbon emissions from the Arctic tundra could increase drastically as global warming thaws permafrost. Clues now obtained about the long-term effects of such thawing on carbon dioxide emissions highlight the need for more data.

DONATELLA ZONA

Global warming is causing tundra ecosystems to undergo hydrological changes as a result of thawing of the underlying permafrost¹ — the permanently frozen soil layer that acts as a barrier to soil drainage. Thawing of permafrost can cause a reduction in soil moisture through increased soil drainage. The effect of these changes on the fluxes of greenhouse gases (carbon dioxide and methane) released from the Arctic is of

found that surface warming has stimulated decomposition and CO₂ loss.

Kwon *et al.* also noted that drying of the soil increased the abundance of shrubs and *Carex* sedges, which do well in dry environments, and decreased the abundance of cottongrass (*Eriophorum angustifolium*), which flourishes in wetter soils. This ‘shrubification’ is consistent with that previously reported in Alaska⁵ and across the Arctic in general⁶. Such increases in shrub abundance might boost the productivity and CO₂ uptake of tundra eco-



Impacting Policy

- **Informing and engaging decision-makers in European agencies and businesses:**
 - ✓ **EU Polarnet (www.eu-polarnet.eu)**
 - ✓ **EEA, EMSA, and others**
 - ✓ **Participation in regional events (e.g. European week of regions and cities)**
 - ✓ **Project event in Brussels: key session on decision-makers and policy developers**
 - ✓ **summary for policymakers**
 - ✓ **Policy briefs**
 - ✓ **summarize the roadmap for future needs and developments**
- **Informing Arctic and international bodies**
 - ✓ **Arctic Futures Symposium**



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 **AGU. FALL MEETING**

Capacity Building

- **Contribution to summer schools, including one at University Centre of Svalbard**
- **Climate Change teaching for high school students and teachers**
- **Involvement of the indigenous organizations in community based observing in the Arctic**
- **Short-term scientific missions for early-career scientists**

What do we need from you?



Eddy covariance tower in Ivotuk (Alaska), measuring the emission and sequestration of the greenhouse gases CO_2 and CH_4 from arctic tundra in summer 2016

- **Active contributions and dissemination.**
- **Appropriate text and pictures**
- **Later in the project some preliminary results (nice graphs, key conclusions)**
- **The goal is to give some more practical idea of what is being done**

The dissemination plan will describe appropriate protocols, activities and interactions

Timeline

2016	2017												2018											
12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
		D 7.1			D7.2						D7.4													
					D7.3																			

2019												2020											
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										D7.7													

2021										
1	2	3	4	5	6	7	8	9	10	11
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				D7.11						
				D7.12						
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				D7.14						