



The Arctic : Its Current Threats and Challenges

Objective

□ To define and highlight the potential challenges, concerns as well as threats and their impacts magnitudes that the Arctic region is facing at present. The project is strongly expected to raise public awareness as well as attention regarding the issues that can also lead to better future cooperation to tackle them.

Methodology

□ A number of information sources on the topic published in literature available have been gathered and the main data keys of concerns, threats and challenges are extracted.

□ Information and comments obtained from project partners are added.

□ Combine all pieces of information and withdraw conclusions to present.

Outcome

□ It is found that the following are of great interest regarding the Arctic and its concerns, threats and challenges;

- Climate change and its direct impacts; rising temperature, increasing precipitation, thawing permafrost, declining snow cover, melting glaciers, rising sea level.
- Oil - Gas exploration and associated increased shipping activities.
- Methane Release.
- Change in Arctic ecosystems
- Persistent Organic Pollutants (POPs).
- Tourism activities.
- Radioactive waste.
- International cooperation and politics
- Others; immigration, lack of effective management.

