

The ToRs for this WG are:

- To review, based upon the available literature, the effects of the physical and biological fluxes between the Subarctic and Arctic regions in the atmosphere, marine ecosystem including physics, biogeochemistry and biology, and on human societies and to identify gaps in our knowledge;
- To promote, through organizing international workshops and meetings, syntheses of the results of national field investigations into the Arctic-Subarctic exchanges and their effects including understanding the process responsible for the variability in these exchanges;
- To investigate the effects of climate change on the interaction between the Arctic and Subarctic in the atmosphere, marine ecosystem and human societies;
- To undertake comparative studies on the effects and processes operating in the Atlantic and Pacific sectors of the Arctic to gain added insights into their dynamics; and
- To conduct comparative studies between the Arctic and Antarctic primarily focusing upon the interaction between the Polar and Subpolar ecosystems.