

ФИЦ
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**Holistic multi- and interdisciplinary approach
in supporting the Arctic sustainable development**

Indigenous people use traditional knowledge as a tool for study of nature and climate change processes.

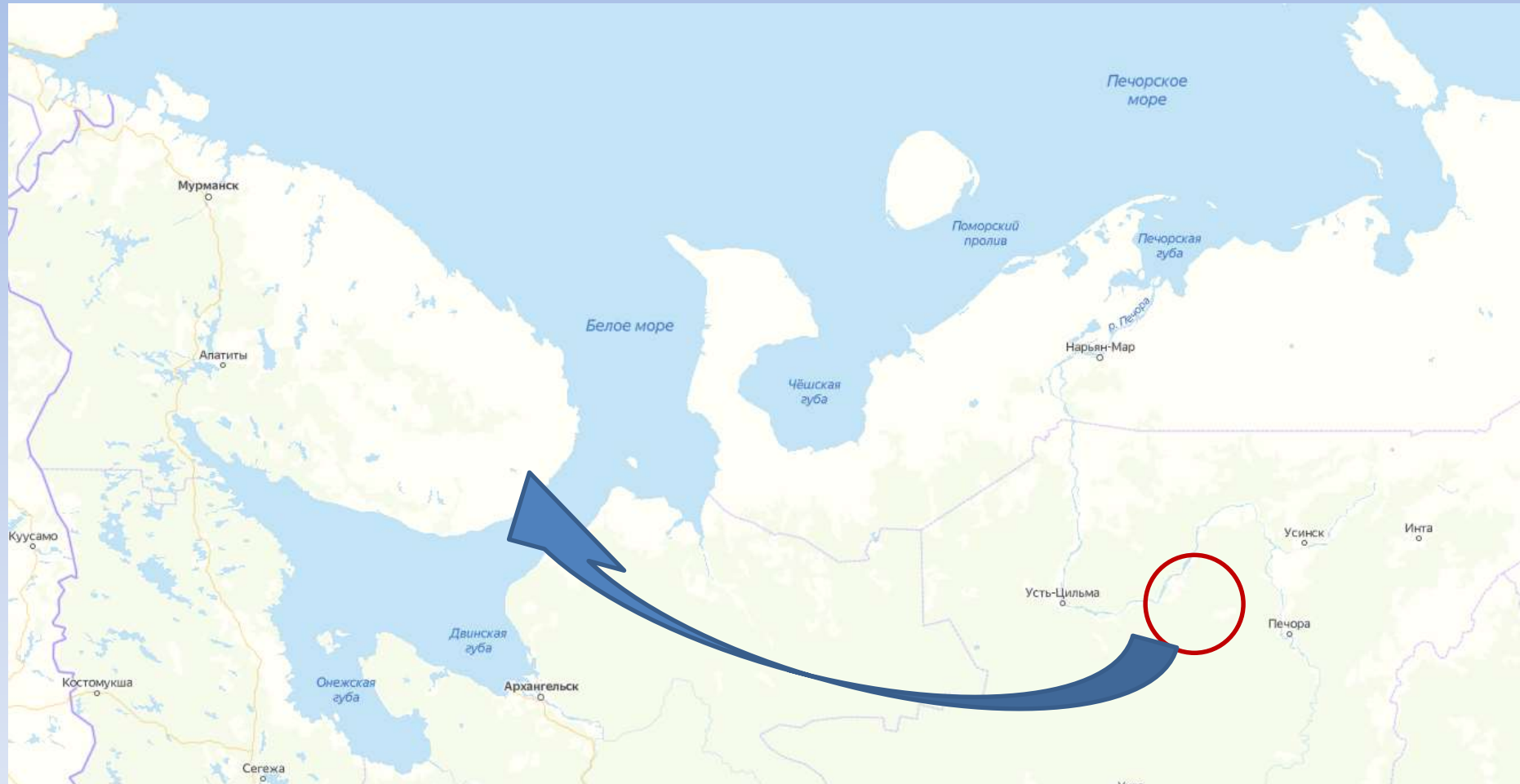
Petr Terentev, INEP



People in the Arctic



Komi's great trip to the Kola Peninsula



Traditional knowledge

- effective traditional lifestyle in the community;
- certain time for migrating behind herds of deer;
- certain time for slaughtering reindeer (late autumn);
- certain time for fishing, taking into account the timing of spawning;
- use of reservoirs for fishing in different periods (not annually);
- the inviolability of some lakes for fishing, to preserve them for future generations or harsh lean years;



Traditional knowledge

Folk signs

a stable connection between two phenomena of objective reality, one of which is understood as a sign, and the second as its interpretation

Folk beliefs

tradition, coming from antiquity and usually based on superstition

Bad weather indicators

swallow



anthill



sparrows



earthworms



Bad weather indicators

dandelion



Red morning dawn in summer
- to rain, and in winter - to a blizzard



cloudy moon



Bad weather indicators



dog wallow in the snow



increased wind should be considered a sign of an impending blizzard



swell in the water is a sign of a storm



Weather indicators

smoke from the chimney upwards - to frost
smoke goes down - to bad weather



flowering bird cherry occur during
the cold period



Climate change

-According to weather forecasters, the predictive value of folk signs in conditions of climate change decreases now;

-Climatic changes occur rather quickly, which distorts the observed patterns in nature noted over the centuries;

Something about beliefs

snow bunting



After 40 days when you met them in the early spring the river will be freed from ice

Something about beliefs



you need to put a piece of bread in the bone cavity so that the herd of deer does not decrease

Something about beliefs



<https://vk.com/vjiganov>

when you whistle the Polar shine starts to play intensively

Something about beliefs

Haymaking



if you leave the rake with the teeth up, it will rain

Is there any similar folk signs and beliefs in
Finland or Norway?

Observe nature and natural phenomena

Thank you for your attention!