

SEA ICE PREDICTION NETWORK (SIPN)
Template for Pan-Arctic Sea Ice Outlook Core Contributions
June 2015 Report

*REQUIRED

1. Sea ice and polar oceanography group, Department of Applied Mathematics and Theoretical Physics, University of Cambridge

*"Executive summary"

We use entirely statistical extrapolation methods based on measured values of sea ice extent (from satellites) and sea ice thickness (from submarine voyages).

1. *Type of Outlook projection

___dynamic model ___X_statistical ___heuristic ___mixed or other: (specify)

2. *September monthly average projection (extent in million square kilometers. To be consistent with the validating sea ice extent index from NSIDC, if possible please first compute the average concentration for the month and then compute the extent as the sum of area of all cells > 15%.)

984,000 sq km

3. *Short explanation of Outlook method (max 300 words)

The uncertainty (large) concerns to what extent the area returns to the trend line, having made positive excursions in 2013 and 2014.

4. Projection uncertainty/probability estimate for September extent (only required if available with the method you are using) Not available.

5.

6. Short explanation/assessment of basis for the uncertainty estimate in #6 (1-2 sentences)