

SAON

Sustained Arctic Observing Networks



MANDATE

Request from Arctic Council

“Urge all Member countries to maintain and extend long term monitoring of change in all parts of the Arctic, and request AMAP to cooperate with other AC Working Groups, IASC and other partners in efforts to create a coordinated Arctic Observing network that meets identified societal needs”

Arctic Council Ministerial Meeting 26
October, 2006

Needs

- Better COORDINATION (overlaps, synergies)
- SUSTAINABILITY (long-term funding)
- Filling major GAPS
- Data: ACCESSIBLE, OPEN, FREE

SAON aims

- Coordinate observational efforts by national agencies, research communities, local residents and others with a view to creating Sustained Arctic Observing Networks.
- Circumarctic focus and coverage
- Inclusiveness
- Accessible data (open, easy, timely, free)
- Global connections

Initiating Group Meeting Tromsø, January 2007

- AMAP — John Calder, Lars-Otto Reiersen & Odd Rogne
- AOSB — Leif Anderson
- CLiC — Barry Goodison, Angelique Prick
- IASC — Volker Rachold
- **IASSA** — Larry Hamilton
- IPY — Odd Rogne (for David Carlson)
- NSF — Martin Jeffries

(Acronyms)

- **AMAP** — Arctic Monitoring & Assessment Program
- **AOSB** — Arctic Ocean Sciences Board
- **CLiC** — Climate & Cryosphere
- **IASC** — International Arctic Science Committee
- **IASSA** — International Arctic Social Science Association
- **IPY** — International Polar Year
- **NSF** — US National Science Foundation
- *FARO* — *Forum of Arctic Research Operators*
- *IPS* — *Indigenous Peoples Secretariat*
- *ISAC* — *International Study of Arctic Change*

Initiating group rationale

“The key was to get it well organised and such discussions are best achieved in a smaller group, but being open to participation of all parties having an interest in SAON. The goal at this initiating meeting is to propose a structure that had this *inclusiveness* in mind.”

SAON needs

- Basic principles: science-driven; circumarctic with global perspective and connections; inclusive; free and open data access; etc...
- Organizational structure: steering committee/executive, thematic clusters, groups of specialists etc... (this could become huge and costly; need to keep it simple and avoid duplication of effort).
 - ◆ Implementation plan
 - ◆ Scientific rationale for SAON
 - ◆ Requirements description, including priorities
 - ◆ Observing system design, including data management
 - ◆ Deployment plan

SAON deliverables

- Report to the Arctic Council, spring 2009
- Minimum deliverables
 - ◆ Implementation Plan
 - ◆ Status Report on Arctic IPY
Observing Nodes and Networks

Thoughts on social science in SAON

Social sciences and the human dimension differ from the natural sciences as to Arctic data and observations. **The need may be more of a central clearinghouse for Arctic data.**

The IASSA conference could be a useful forum for discussing which circumarctic variables should be given priority.

The Sustainable Development Working Group (SDWG) of the Arctic Council could be a governmental partner in this respect.

Organizational structure

from the Tromsø meeting:

- Steering Group
- Panels (thematical clusters)
- Annual Meeting
- Groups of Specialists

Initial panels

- Ocean and Sea Ice
- Cryosphere/Hydrosphere
- Social Sciences and Human Health
- Atmosphere
- Terrestrial ecosystems

Local observations and knowledge
represented on all relevant panels

Panels to build on existing structures

Crosscutting issues

Examples:

- Biodiversity
- Climate
- Contaminants
- Human health
- Natural resources
- Sustainable communities

Next step

- Involving all interested
- Bringing them together at a major workshop in November, 2007
 - ◆ 100–150 participants?
- Initial Steering Group to serve as workshop planning group
- SAON Point of Contact: Odd Rogne (Odd.Rogne@AMAP.no)

Request for EOI

- SAON seeks feedback from interested organizations, networks, operators, agencies, users etc.
- Respond by sending an Expression of Interest (EOI) and briefly mentioning your interest.
- Would you consider attending the Nov. 2007 workshop?

Concluding remarks

- SAON as an IPY legacy
- Building on existing structures
- *Inclusiveness as a guiding principle*
- Government, research, local observations
- Sustained = long-term funding

THANK YOU !



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 Data Holdings

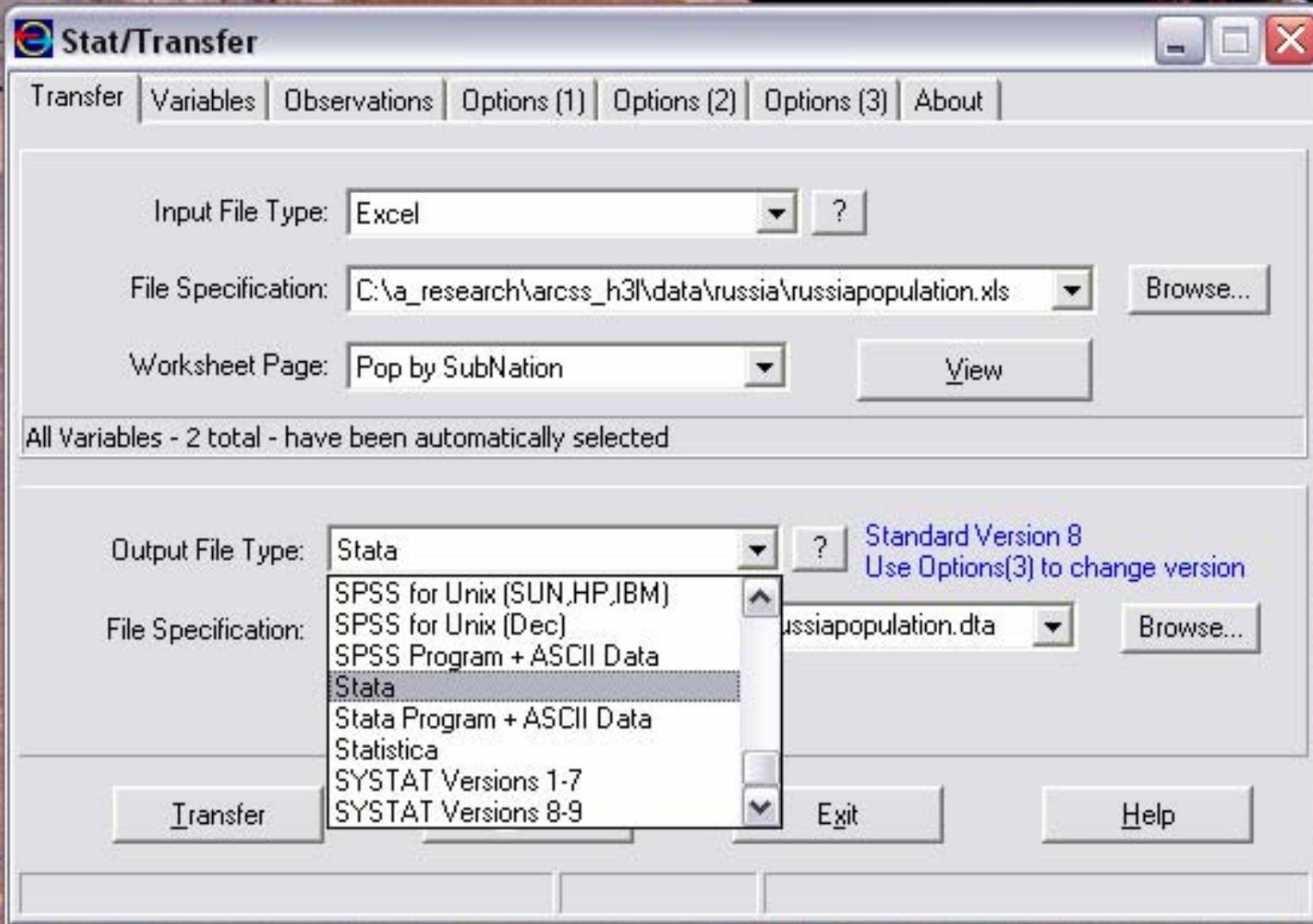
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Stat/Transfer: Simple translations across 24 common dataset formats (Excel, dBase, SPSS, SAS, Stata etc.)



SEARCH Data Policy — draft

SEARCH data must be made fully, freely, and openly available as soon as possible after collection and quality control. Investigators must describe their plan and timing for making data available as part of their proposals. Timely data availability will be part of SEARCH proposal review criteria.

SEARCH Data Policy v1

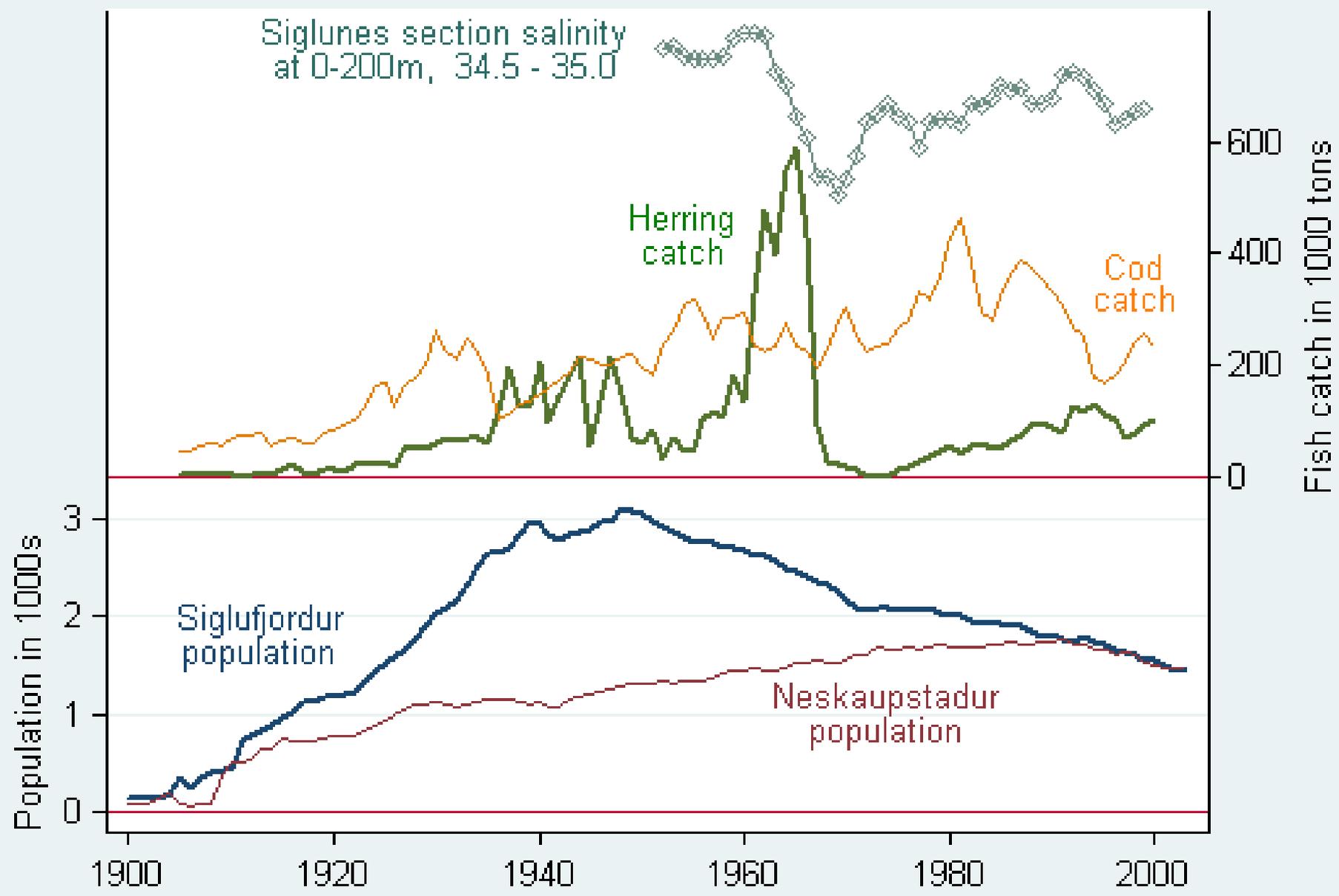
In keeping with the IPY data policy, the only exceptions to this policy are:

- Where human subjects are involved, confidentiality must be protected.
- Where local and traditional knowledge is concerned, rights of the knowledge holders shall not be compromised.
- Where data release may cause harm, specific aspects of the data may need to be kept protected (for example, locations of nests of endangered birds or locations of sacred sites).

SEARCH Data Policy v2

“In keeping with the IPY data policy, the only exceptions to this policy are some instances with human-dimensions data where respect for confidentiality, intellectual property rights or proprietary information sources might take precedence;
or in other cases where data release might cause harm (for example, locations of nests of endangered birds, or of sacred sites).”

Time as an integrating dimension



End

