



**Economic and Social
Council**

Distr.
GENERAL

CEP/AC.10/2002/19/Add.1
2 July 2002

ORIGINAL: ENGLISH

ECONOMIC COMMISSION FOR EUROPE

COMMITTEE ON ENVIRONMENTAL POLICY

Ad Hoc Working Group on Environmental Monitoring

(Third session, 29-30 August 2002)

(Item 6 of the provisional agenda)

**INVENTORY OF MAJOR INTERNATIONAL ENVIRONMENTAL DATABASES
IN THE UNECE REGION**

Addendum

Annex I**INTERNATIONAL ENVIRONMENTAL DATABASES IN THE UNECE REGION**

Organization/ Convention <u>Internet address</u>	ARCTIC MONITORING AND ASSESSMENT PROGRAMME (AMAP) www.amap.no
<u>Topic</u>	Various
Type of data and time series	<p>Wide range of data sets, including:</p> <ul style="list-style-type: none"> • Data/time series concerning production, use and emissions of persistent organic pollutants (POPs) (e.g. HCH, DDTs, PCBs), heavy metals (e.g. Hg and Pb) and other contaminant groups (e.g. acidifying substances) – globally or within the Arctic countries. Typically data are compiled on a project basis covering period to present, or ca. 5-yearly intervals. • Data on depositions of contaminants within the Arctic (e.g. Hg, Pb, acidifying substances) from modelling work, and fluxes to the Arctic via oceans and rivers, etc. • Data on sources (location of sources, source terms, releases) of radionuclides within the Arctic, and calculations of historical depositions. • Data on levels and trends (spatial and temporal) of POPs, heavy metals, radionuclides, acidifying substances, petroleum hydrocarbons, etc. in relevant media of the Arctic environment/ecosystems (air, precipitation, snowpack, ice, seawater, freshwaters, marine and freshwater sediments, soil/humus, vegetation, biota at all trophic levels, human media). • Data on effects of contaminants, and climate change/ozone depletion, on Arctic ecosystems and human populations (from molecular/cellular level to population effects). • Human health statistics and dietary data relevant to Arctic (in particular Arctic indigenous) populations • Other data sets (e.g. physical geography of the Arctic, and larger areas for use in mapping/modelling applications), demographic data, infrastructure data, meteorological data, geographical information system (GIS) data sets, modelling output, etc. <p>The majority of the data (e.g. on contaminant levels and trends) cover the time period from the mid-1980s to the present. Some annual time series are from the early 1960s. Retrospective time series from sediment/ice/peat cores, archived samples, etc. cover periods upto several millenniums.</p> <p>Data are generally compiled in connection with AMAP assessment activities, which gather relevant data for the period since the previous assessment was conducted. Data collection (sampling and analyses) are ongoing within participating countries during the inter-assessment periods according to national implementation plans for AMAP.</p>
Holding body	AMAP
Contact details	lars-otto.reiersen@amap.no and s.wilson@inter.nl.net

Data accessibility	<p>Compiled summarized data are published in AMAP assessments (paper and electronic documents). Detailed (individual measurement) data, including relevant information on interpretational factors, methodology, etc. for some of the main data sets - primarily those concerning levels and effects of contaminants in abiotic and biotic media, and sources of radioactivity - are compiled in databases at AMAP thematic data centres (TDCs). Four AMAP TDCs are operated:</p> <ul style="list-style-type: none">- AMAP atmospheric TDC (located at the Norwegian Institute for Air Research (NILU), Norway)- AMAP marine TDC (located at the International Council for the Exploration of the Sea (ICES), Denmark)- AMAP terrestrial/freshwater TDC (located at the University of Alaska Fairbanks (UAF), United States)- AMAP radioactivity TDC (located at the Norwegian Radiation Protection Authority (NRPA), Norway) <p>Data at the AMAP terrestrial/freshwater TDC are in an online (web access) database. Other data sets are maintained/archived by the AMAP secretariat, or within project groups associated with AMAP. Some, mainly summarized, data sets are/will be available from the latter part of 2002 from the AMAP web site.</p> <p>All AMAP data are subject to a data policy which determines access to the data. This policy reflects agreements between AMAP and the owners of data that are provided to AMAP for use in its assessments.</p>
---------------------------	--

Annex II**UNECE COUNTRY PARTICIPATION IN INTERNATIONAL ENVIRONMENTAL DATABASES**

Countries	AMAP	
	Participation	Data submission
Albania		
Andorra		
Armenia		
Austria		
Azerbaijan		
Belarus		
Belgium		
Bosnia&Herzegovina		
Bulgaria		
Canada	X	X
Croatia		
Cyprus		
Czech Republic		
Denmark	X	X(Greenland and Faroe Islands)
Estonia		
Finland	X	X
France		
Georgia		
Germany		
Greece		
Hungary		
Iceland	X	X
Ireland		
Israel		
Italy		
Kazakhstan		
Kyrgyzstan		
Latvia		
Liechtenstein		
Lithuania		
Luxembourg		
Malta		
Monaco		
Netherlands		
Norway	X	X
Poland		
Portugal		
Republic of Moldova		
Romania		
Russian Federation	X	X
San Marino		
Slovakia		
Slovenia		
Spain		
Sweden	X	X
Switzerland		
Tajikistan		
TFYR of Macedonia		

Turkey		
Turkmenistan		
Ukraine		
United Kingdom		
United States	X	X (Alaska)
Zbekistan		
Yugoslavia		
Any other	Germany, Netherlands and United Kingdom are observers, as are a number of international organizations. Data from observing countries and organizations, and also from other countries involved in Arctic research are compiled and used in AMAP assessments. AMAP also supports activities involving compilation of global data sets on, for instance, production, use and emissions of relevant contaminants.	