Arctic Monitoring and Assessment Program (AMAP)

- Project: Amap Phase 2 Monitoring Programme - National Implementation Projects And Programmes
- Project: Multilateral Cooperation Project On Phase-Out Of Pcb Use, And Management Of Pcb-Contaminated Wastes In The Russian Federation
- Project: Nefco Fast Track Project
- Project: Persistent Toxic Substances (Pts), Food Security And Indigenous Peoples Of The North
- Project: Giwa - Global International Water Assessment
- Project: Unep-Chemicals Regionally Based Assessment Of Persistent Toxic Substances
- Project: Pcbs In Northwest Russia
- Project: Anderma Station In Northern Russia For Monitoring Of Long Range Transport Of Pts
- Project: Maia - Monitoring The Atlantic Inflow Towards The Arctic
- Project: Radarc -Simulation Scenarios For Potential Radioactive Spreading In The 21st Century From Rivers And External Sources In The Russian Arctic Coastal Zone
- Project: Arcticmar - Radioecological Assessment Of Consequences From Radioactive Contamination Of Arctic Marine Areas
- Project: Avail - Arctic Vulnerability To Radioactive Contamination
- Project: Jnri - Mayak Assessment Of Consequences From Possible Accidents At Mayak Pa Nuclear Installations And The Subsequent Contamination Of The Ob River System And The Arctic Seas And Assessment Of The Population Doses In The Riverside Area Of Techa
- Project: Atomflot Monitoring Of The Radioactive Contamination Of The Sea Environment In The Area Of Discharges Of Waste Water From The Liquid Radioactive Waste Treatment Plant At "Atomflot"
- Project: Stream - Source Development And Transport Of Radioactive Contamination In The Environment Through The Use Of Satellite Imagery
- Project: Epic - Environmental Protection From Ionizing Contaminants
- Project: Establish - Estuarine Specific Transport And Biogeochemically Linked Interaction For Selected Heavy Metals And Radionuclides
- Project: Fasset - Framework For Assessment Of Environmental Impact
- Project: Envinet - European Network For Arctic-Alpine Multidisciplinary Environmental Research
- Project: Inter-Regional Forum (Irf)
- Project: Arctic Climate Impact Assessment (Acia)

Conservation of Arctic Floraand Fauna (CAFF)

- Circumpolar Biodiversity Monitoring Network
- Pan Arctic Flora Initiative (PAF)
- Circumpolar Arctic Vegetation Mapping Project (CAVM)
- International Murre Conservation Strategy and Action Plan (IMCS)
- Circumpolar Eider Conservation Strategy and Action Plan (CESC)
- Seabird Harvest Report

- Seabird Bycatch Workshop
- Migratory Bird Workshop
- Circumpolar Protected Areas Network (CPAN) Strategy and Action Plan
- CPAN Marine Report
- Pan-Arctic Protected Areas Registry (PAPAR)
- CAFF Overview Report: Arctic Conservation Issues
- CAFF Communications Strategy
- Proposed Project: Sacred Sites Project
- Proposed Project: GEF Project: Integrated Ecosystem Approach to Conserve Biodiversity and Minimize Habitat Fragmentation in the Russian Arctic

Emergency Prevention, Preparedness and Response (EPPR)

- Environmental Risk Analysis of Arctic Activities
- Arctic Guide
- Analysis of the Adequacy and Effectiveness of Existing Arrangements
- Field Guide for Oil Spill Response in Arctic Waters
- Analysis of the Effectiveness of Existing Emergency Notification Accident Reporting Systems
- Circumpolar Map of Natural Resources at Risk from Oil Spill
- The EPPR Web Site
- Arctic Offshore Oil and Gas Guidelines
- Source Control Management and Prevention Strategies for High Priority Risks
- Shoreline cleanup assessment technology

Protection of the Arctic Marine Environment (PAME)

- Update the 1996 Report on Analysis of International Agreements and Arrangements
- Current and Potential Shipping Activities - Snapshot Analysis
- Promote Application of the 1997 Arctic Offshore Oil and Gas Guidelines
- Implementation of the Regional Programme of Action for the Protection of the Arctic Marine Environment from Land-based Activities (RPA 1998)
- Circumpolar Marine Workshop in Montreal, November 28-December 2, 1999
- Support to the National Plan of Action for the Protection of the Arctic Marine Environment from Anthropogenic Pollution in the Russian Federation-Russian Pan-Arctic
- Develop Clearinghouse Mechanism
- Arctic Waters Oil Transfer Guidelines
- Follow-Up Activities to Address Ship Generated Waste

Sustainable Development WorkingGroup (SDWG)

- Children and Youth in the Arctic
- Arctic Telemedicine
- Freshwater Fishery Management in the Barents Region
- Comparative Analysis of Coastal Fishery Management Systems
- Ecological and Cultural Tourism
- Survey of Living Conditions in the Arctic
- Proposed Project: Arctic Indigenous Peoples Health and Environment
- Emerging Infectious Diseases

- Northern Timberline Forests

Arctic Contaminants Action Program (ACAP)

- Multilateral co-operation project on phase-out of PCB use, and management of PCB-contaminated wastes in the Russian Federation
- Evaluation of Dioxinsand Furans in the Russian Federation
- Develop fact sheets on Arctic contaminants for use by Arctic Council countries delegations in other fora
- Reduction of AtmosphericMercury releases from Arctic States
- Environmentally soundmanagement of stocks of obsolete pesticides in the Russian Federation
- Guidelinesfor performing Environmental Impact Assessments of handling and storage of radioactive waste in Russia
- Outspread andImplementation of the Cleaner Production Methodology in theArctic Zone of the Russian Federation

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ARCTIC MONITORING AND ASSESSMENT PROGRAM (AMAP)

PROJECT: AMAP PHASE 2 MONITORING PROGRAMME - NATIONAL IMPLEMENTATION PROJECTS AND PROGRAMMES
Region: Circumpolar
Project period: 2000-2002.
Funding: Arctic Countries, Nordic Council of Ministers.
Local Counterpart: National agencies and institutes in all Arctic countries, international organizations.
Brief: Conducting monitoring and research activities that will deliver data and information necessary for AMAP's planned assessments. AMAP National Implementation Plans (NIPs) developed by all Arctic countries (see www.amap.no online documents). Currently ca. 200 individual projects and programmes are listed in the AMAP Project Directory (see www.amap.no/PD2000.htm)

PROJECT: MULTILATERAL COOPERATION PROJECT ON PHASE-OUT OF PCB USE, AND MANAGEMENT OF PCB-CONTAMINATED WASTES IN THE RUSSIAN FEDERATION
Region: Russia
Project period: Phase 1: May 1999 - May 2000; Phase 2: 2000-2001; Phase 3: 2001-2003.
Funding: Phase 1 was funded by: Canada, Denmark, Finland, Iceland, Norway, Russia, Sweden, the Netherlands and USA.
Local Counterpart: State Committee of the Russian Federation for Environmental Protection, RAS, Russian Ministry of Economy, and Centre for International Projects (CIP).
Brief: Phase 1 (Identifying major sources for PCB within the Russian territories, production, storage, use and waste sites) completed and reported (see www.amap.no online documents). Phase 2 (Feasibility studies) initiated December 2000.

PROJECT: NEFCO FAST TRACK PROJECT
Region: Northwest Russia

Project period: Phase 1: Nov. 1999 - Feb. 2000; Phase 2: 2000; Phase 3: 2001- 2002.
Funding: NEFCO
Local Counterpart: Regional Environmental Authorities in Northwest Russia.
Brief: Phase 1 (Identifying local sources of PCB within Northwest Russia and recommending projects for phase 2) completed. Phase 2 initiated.

PROJECT: PERSISTENT TOXIC SUBSTANCES (PTS), FOOD SECURITY AND INDIGENOUS PEOPLES OF THE NORTH
Region: Russia
Project period: 2000 - 2002.
Funding: GEF, Arctic countries, Salamander Foundation, Barents Secretariat, Nordic Council of Ministers, UN-ECE, WMO.
Local Counterpart: RAIPON, Russian Ministry of Natural Resources, Russian Ministry of Health, Russian Federal Service for Hydrometeorology and Environmental Monitoring.
Brief: Assessment of the significance of aquatic food chains as a pathways of exposure of indigenous peoples to PTS, assessment of the relative importance of local and distant sources, and the role of atmospheric and riverine transport of PTS in Northern Russia. Project initiated.

PROJECT: GIWA - GLOBAL INTERNATIONAL WATER ASSESSMENT
Region: Circumpolar
Project Period: April 2000 - 2003
Funding: GEF, Arctic countries - not yet available.
Brief: To develop a comprehensive strategic assessment that may be used by GEF and its partners to identify priorities for remedial and mitigating actions to achieve significant environmental benefits. Project on hold pending allocation of necessary funding.

PROJECT: UNEP-CHEMICALS REGIONALLY BASED ASSESSMENT OF PERSISTENT TOXIC SUBSTANCES
Region: Circumpolar
Project Period: April 2000 - March 2002.
Funding: GEF, Canada.
Brief: To prepare a regionally based assessment of the damage and threats posed by persistent toxic substances (PTS), and to evaluate and agree the priorities between chemicals related environmental issues at the regional level in order to focus subsequent interventions on the most important and pressing issues. Project underway.

PROJECT: PCBS IN NORTHWEST RUSSIA
Region: Russia
Project period: 1999 - 2001.
Funding: NCM
Local Counterpart: Regional Centre for Monitoring of the Arctic (RCMA).
Brief: Analyses of PCB in environmental samples from Northwest Russia.

PROJECT: ANDERMA STATION IN NORTHERN RUSSIA FOR MONITORING OF LONG RANGE TRANSPORT OF PTS
Project Period: 1999 - 2001.
Funding: Canada and Nordic Council of Ministers (NCM)
Local Counterparts: Roshydromet and SPA Typhoon.
Brief: Establishment and operation of an air monitoring station in Northern Russia for sampling and analyses of persistent organic contaminants and mercury. Site operational.

PROJECT: MAIA - MONITORING THE ATLANTIC INFLOW TOWARDS THE ARCTIC
Region: Circumpolar
Project period: 2000 - 2001.
Funding: EU 5th Framework programme.
Local Counterpart: SINTEF, Coastal and Ocean Engineering (Norway), Institute of Marine research (Norway), NERC CCMS Proudman Oceanographic Laboratory (UK), Fisheries Research Services Marine Laboratory (UK), Swedish Meteorological and Hydrological Institute (Sweden) and Universite Pierre et Marie Curie (France)
Brief: To estimate and monitor the flux of Atlantic water to the Nordic and Barents Seas.

PROJECT: RADARC -SIMULATION SCENARIOS FOR POTENTIAL RADIOACTIVE SPREADING IN THE 21ST CENTURY FROM RIVERS AND EXTERNAL SOURCES IN THE RUSSIAN ARCTIC COASTAL ZONE
Region: Russia
Project Period 2000 - 2001.
Funding: EU 5th framework programme, involved institutes and some arctic countries.
Local Counterpart: Nansen Environmental and Remote Sensing Centre (Norway), Norwegian Radiation Protection Agency (Norway), Risø National Laboratory (Denmark), V.G. Khlopin Radium Institute (Russia), Institute of Mathematical Machines and Systems Problems (Ukraine).
Brief: To perform simulation scenarios for the 21st century, including global warming scenarios, of radioactive spreading and its impact on the Barents, Greenland and Norwegian Seas and the Arctic Ocean, for assessment and risk purposes.

PROJECT: ARCTICMAR - RADIOECOLOGICAL ASSESSMENT OF CONSEQUENCES FROM RADIOACTIVE CONTAMINATION OF ARCTIC MARINE AREAS
Region: Circumpolar
Project period: 1998 - 2000
Funding: EU and NRPA
Local Counterparts: NRPA (Norway), STUK (Finland), Roshydromet, (Russia).
Integrate existing knowledge to develop model which predict the behaviour and fate of radionuclides in estuarine and marine environment. Using this tool, to deliver better assessment of the consequences of radiological exposure to man.

PROJECT: AVAIL - ARCTIC VULNERABILITY TO RADIOACTIVE CONTAMINATION

Region: Circumpolar
Project period: 1999 - 2001.
Funding: EU
Local Counterpart: NRPA (Norway)
Brief: Assess consequences for man and the environment from scenarios in the Arctic environments.

PROJECT: JNRI - MAYAK ASSESSMENT OF CONSEQUENCES FROM POSSIBLE ACCIDENTS AT MAYAK PA NUCLEAR INSTALLATIONS AND THE SUBSEQUENT CONTAMINATION OF THE OB RIVER SYSTEM AND THE ARCTIC SEAS AND ASSESSMENT OF THE POPULATION DOSES IN THE RIVERSIDE AREA OF TECHA
Region: Russia/Norway
Project Period: 1996 - 2000
Funding: Norway
Local Counterparts: NRPA (Norway), SPA Typhoon (Russia), MINATOM (Russia)
Assess long-term consequences for Arctic population, evaluate the risk of accident at Mayak PA and assess present dose to man along the riverside of Techa.

PROJECT: ATOMFLOT MONITORING OF THE RADIOACTIVE CONTAMINATION OF THE SEA ENVIRONMENT IN THE AREA OF DISCHARGES OF WASTE WATER FROM THE LIQUID RADIOACTIVE WASTE TREATMENT PLANT AT "ATOMFLOT"
Region: Russia/Norway
Project period: 1999-2001
Funding: Norway
Local Counterparts: NRPA (Norway), SPA Typhoon (Russia)
Development of models, parameters for monitoring and measuring of levels in the sea.

PROJECT: STREAM - SOURCE DEVELOPMENT AND TRANSPORT OF RADIOACTIVE CONTAMINATION IN THE ENVIRONMENT THROUGH THE USE OF SATELLITE IMAGERY
Region: Circumpolar
Project period: 1999 - 2002.
Funding: EC's Copernicus programme
Local Counterparts: NRPA (Norway), NERC (UK), the Varnadsky Institute (Russia), State Institute of Applied Ecology (Russia), Recom Ltd of Kurchatov Institute (Russia).
Use of satellite imagery to develop information on sources and transport of radioactive contamination in the environment.

PROJECT: EPIC - ENVIRONMENTAL PROTECTION FROM IONIZING CONTAMINANTS
Region: Circumpolar
Project period: 2000 - 2003
Funding: EC's Copernicus programme
Local Counterparts: NRPA (Norway), Typhoon (Russia), The Institute of radiation

Hygiene (Russia), Institute of Terrestrial Ecology (UK).
Brief: Develop a framework for the protection of the Arctic biota from the effects of ionising radiation.

PROJECT: ESTABLISH - ESTUARINE SPECIFIC TRANSPORT AND BIOGEOCHEMICALLY LINKED INTERACTION FOR SELECTED HEAVY METALS AND RADIONUCLIDES
Region: Circumpolar
Project period: 2000 - 2003
Funding: EC's Copernicus programme
Local Counterparts: NRPA (Norway), the Vernadsky Institute (Russia), Typhoon (Russia9; Arctic and Antarctic Research Institute (Russia), Hamburg University (Germany), The Agriculture High school of Norway (Norway).
Main objective is modelling the biogeochemical behaviour and impact of selected heavy metals and radionuclides in the Yenisey Estuary.

PROJECT: FASSET - FRAMEWORK FOR ASSESSMENT OF ENVIRONMENTAL IMPACT
Region: Circumpolar
Project period: 2000 - 2003
Funding: EURATOM
Local counterparts: NRPA, SSI (Swedish Radiation Protection Institute), SKB (Swedish Nuclear and waste management Co), EA (UK), BFS (German Federal Office for radiation Protection), GSF (German National Centre for Environment and Health), CIEMAT (Spanish Radiation Centre in Energy, Environment and Technology) and STUK (Radiation and Nuclear Safety Authority, Finland).
FASSET will provide a framework to radiation protection for assessment of environmental impact, i.e. impact on organisms and the ecosystem processes. The framework will link sources, exposure, dosimetry and environmental effects/consequences together by providing a reference set of models, dosimetric factors etc. for generic organisms and ecosystems, including the Arctic.

PROJECT: ENVINET - EUROPEAN NETWORK FOR ARCTIC-ALPINE MULTIDISCIPLINARY ENVIRONMENTAL RESEARCH
Region: Circumpolar
Project period: 2000 - 2002 and onward?
Funding: EU 5th Framework programme,
Local Counterparts: In addition to AMAP and IASC there are at present 18th national institutes and international organizations from 12 European countries. Fostering cross-discipline and cross-infrastructure collaboration and merging of environmental research activities.

PROJECT: INTER-REGIONAL FORUM (IRF)
Region: Circumpolar
Project period: 1996 and onward
Funding: EU and participating organizations

Local Counterparts: EEA, ETC/MCE of the EEA, OSPAR, HELCOM, MAP, ICES, BSEP
To improve coordination of monitoring and assessment work related to European marine and coastal areas.

PROJECT: ARCTIC CLIMATE IMPACT ASSESSMENT (ACIA)
Project period: 2000 - 2004.
Funding: Arctic Countries and observing countries.
Leaders: Robert Correll, Harvard University/ Gunter Weller, University of Alaska, Fairbanks/Pål Prestud, Norway (Correll@ricochet.net, Gunter@gi.alaska.edu)
Implementing Agencies: NOAA/NSF for USA, AMAP, CAFF, IASC and IPCC, WCRP, ICES, CAFF
Local Counterparts: National institutes and agencies within the Arctic countries and observing countries.
Brief: To provide information on consequences of climate variability and change and increased UV-B radiation for the Arctic environment, ecosystems and human populations. Preparation of assessment of these issues for delivery to governments, organizations, and people of the Arctic region. Read more.

CONSERVATION OF ARCTIC FLORA AND FAUNA (CAFF)

PROJECT: CIRCUMPOLAR BIODIVERSITY MONITORING NETWORK (WP1.1)
Sector/Region: Circumpolar/marine and terrestrial
Project Period: 1998-long term
Lead Country: Iceland
Leader: Aevar Petersen, Institute of Natural History, Reykjavik, Iceland - Aevar@ni.is
Implementing Agency: Institute of Natural History
Design and implementation of a circumpolar network for key elements of Arctic biota.

PROJECT: PAN ARCTIC FLORA INITIATIVE (PAF) (WP2.1)
Region: Circumpolar/terrestrial
Project Period: 1998-2000
Lead Country: Russia
Leader: Boris Yurtsev, Komorov Botanical Institute, St. Petersburg, Russia - Carta@map.bin.ras.spb.ru
Implementing Agency: RF State Committee for Environmental Protection (RF SCEP)
An annotated checklist of Pan-Arctic flora to serve as a standard source for plant names, plant distribution, and rare plant documentation.

PROJECT: CIRCUMPOLAR ARCTIC VEGETATION MAPPING PROJECT (CAVM) (WP2.2)
Region: Circumpolar/terrestrial
Project Period: 1995-2002
Lead Country: USA
Leader: Stephen Talbot, US Fish and Wildlife Service, Anchorage, Alaska, USA - Stephen_talbot@fws.gov
Implementing Agency: US Fish and Wildlife Service
A harmonized database and map of the Arctic tundra vegetation, providing a common legend and language for vegetation types.

PROJECT: INTERNATIONAL MURRE CONSERVATION STRATEGY AND

ACTION PLAN (IMCS) (WP2.4)
Region: Circumpolar/marine
Project Period: 1996-not specified
Lead Country: USA
Leader: Kenton Wohl, US Fish and Wildlife Service, Anchorage, Alaska, USA - Kent_wohl@mail.fws.gov
Implementing Agency: US Fish and Wildlife Service
Brief: Coordination of national implementation of the strategy.

PROJECT: CIRCUMPOLAR EIDER CONSERVATION STRATEGY AND ACTION PLAN (CESC) (WP2.5)
Region: Circumpolar/marine and terrestrial
Project Period: 1997-not specified
Lead Country: USA
Leader: Kenton Wohl, US Fish and Wildlife Service, Anchorage, Alaska, USA - Kent_wohl@mail.fws.gov
Implementing Agency: US Fish and Wildlife Service
Brief:Coordination of national implementation of the strategy.

PROJECT: SEABIRD HARVEST REPORT (WP2.6)
Region: Circumpolar/marine
Project Period: 1996-April 2000
Lead Country: USA
Leader:Kenton Wohl, US Fish and Wildlife Service, Anchorage, Alaska, USA - Kent_wohl@mail.fws.gov
Implementing Agency: US Fish and Wildlife Service
Brief: A report summarizing current harvest of seabirds in the circumpolar region.

PROJECT: SEABIRD BYCATCH WORKSHOP (WP2.7)
Region: Circumpolar/marine
Project Period: April 26-28, 2000
Lead Country: Canada/USA
Leader: John Chardine, Canadian Wildlife Service, Sackville, NB - John.Chardine@EC.GC.CA
Implementing Agency: Canadian Wildlife Service
Brief: Workshop among seabird and fisheries experts to develop ways to reduce seabird bycatch in commercial Fisheries

PROJECT: MIGRATORY BIRD WORKSHOP (WP2.8)
Region: Circumpolar/terrestrial
Project Period: May 15-17, 2000
Lead Country: Russia/The Netherlands
Leader: Gerard Boere, Directorate for Nature Management, The Hague, The Netherlands - g.c.boere@n.agro.nl
Implementing Agency: RF SCEP
Brief: Workshop to advance conservation of Arctic migratory birds inside and outside of the Arctic.

PROJECT: CIRCUMPOLAR PROTECTED AREAS NETWORK (CPAN) STRATEGY AND ACTION PLAN (WP35)

Region: Circumpolar/terrestrial and marine
Project Period: 1996-not specified
Lead Country: USA
Leader: Leslie Kerr, US Fish and Wildlife Service, Anchorage, Alaska, USA - Leslie_kerr@fws.gov
Implementing Agency: US Fish and Wildlife Service
Brief: Further development of a representative network of protected areas in the Arctic to ensure adequate protection of all ecosystems and habitat types across their range and diversity.

PROJECT: CPAN MARINE REPORT (WP3.1)
Region: Circumpolar/marine
Project Period: 1997- April 2000
Lead Country: Canada
Leader: Kevin McCormick, Canadian Wildlife Service, Yellowknife, Canada - Kevin.McCormick@EC.GC.CA
Implementing Agency: Canadian Wildlife Service
Brief: A report summarizing the jurisdictional responsibilities and national frameworks for conservation of the Arctic Marine environment.

PROJECT: PAN-ARCTIC PROTECTED AREAS REGISTRY (PAPAR) (WP3.3)
Region: Circumpolar/terrestrial and marine
Project Period: 2000
Lead Country: Norway/UNEP GRID-Arendal
Leader: Jan Petter Hubert Hansen, Directorate for Nature Management, Trondheim, Norway - jan-p.huberth-hansen@dirnat.no
Implementing Agency: Norwegian Directorate for Nature Management (DN)
A database of: a) existing and proposed Protected Areas, b) other valuable nature areas

PROJECT: CAFF OVERVIEW REPORT: ARCTIC CONSERVATION ISSUES (WP5.1)
Region: Circumpolar/terrestrial and marine
Project Period: 1998-2001
Lead Country: Finland, CAFF Secretariat
Leader: Paula Kankaanpää, Arctic Centre, Rovaniemi, Finland - Paula.kankaanpaa@urova.fi
Implementing Agency: Finnish Ministry of the Environment
Brief:Preparation of an authoritative, illustrated report, written for layman audience, highlighting the diversity, value and use of Arctic living nature and its conservation status.

PROJECT: CAFF COMMUNICATIONS STRATEGY (WP5.2)
Region: Circumpolar
Project Period: 1998-2000
Lead Country: Iceland
Leader: Aevar Petersen, Institute of Natural History, Reykjavik, Iceland - Aevar@ni.is
Implementing Agency: Institute of Natural History, Reykjavik
Preparation of a communications strategy to increase awareness of biodiversity conservation efforts under CAFF and to enhance communication among relevant actors and agencies.

PROPOSED PROJECT: SACRED SITES PROJECT
Region: Russia

Project Period: 2000-2002
Lead Country: RAIPON/Russia
Leader: Pavel Suliandziga (Interim), RAIPON Office, Moscow, Russia - Udege@glasnet.ru
Implementing Agency: RAIPON/CAFF Secretariat/IPS
Status of sacred sites and sanctuaries of indigenous peoples and their protection through links with CPAN and Russian PA network.

PROPOSED PROJECT: GEF PROJECT: INTEGRATED ECOSYSTEM APPROACH TO CONSERVE BIODIVERSITY AND MINIMIZE HABITAT FRAGMENTATION IN THE RUSSIAN ARCTIC
Region: Russia/terrestrial
Project Period: 2000-2006
Lead Country: Russia, Norway, GRID-Arendal
Leader: Amirkhan Amirkhanov, RF SCEP, Moscow; Berit Lein, DN-Norway (Berit.lein@dirnat.no); Svein Tveital, GRID (Svein.tveitdal@grida.no
Implementing Agency: UNEP
Brief: Development and implementation of ecosystem based management strategies in a few selected region of Arctic Russia.

EMERGENCY PREVENTION, PREPAREDNESS, AND RESPONSE (EPPR)

PROJECT: ENVIRONMENTAL RISK ANALYSIS OF ARCTIC ACTIVITIES
Region: Circumpolar
Project Period: Completed September 1998
Lead Country: United States
Leader: Ray Perry, U.S. Coast Guard
Implementing Agency: N/A
Brief: The purpose of the project is for each Arctic country to conduct a self assessment of Arctic activities having the potential for transboundary impacts on the environment and human safety, including a qualitative ranging of risk. In addition, each country evaluates the effectiveness of national, bilateral and multilateral instruments and agreements to prevent, prepare for and respond to each.

PROJECT: ARCTIC GUIDE
Region: Circumpolar
Project Period: Updated Annually
Lead Country: Sweden
Leader: Thomas Fagö, Swedish Coast Guard
Implementing Agency: Updating will be taken care of by the EPPR Secretary
Brief: The purpose of this project is to provide accurate and up-to-date information on how the emergency systems work in each Arctic country, contact points and notification numbers, as well as information on EPPR.

PROJECT: ANALYSIS OF THE ADEQUACY AND EFFECTIVENESS OF EXISTING ARRANGEMENTS AND AGREEMENTS
Region: Circumpolar
Project Period: Completed August 2000
Lead Country: Canada
Leader: Laura Johnston, Environment Canada

Implementing Agency: N/A
Brief: The purpose of this project is to provide a focused analysis on the adequacy and effectiveness of the existing international agreements and other arrangements in the Arctic. The analysis identifies gaps and areas requiring improvements and new arrangements.

PROJECT: FIELD GUIDE FOR OIL SPILL RESPONSE IN ARCTIC WATERS
Region: Circumpolar
Project Period: Completed September 1998
Lead Country: Canada
Leader: David Tilden, Environment Canada
Brief: The goal of the Field Guide is to provide circumpolar countries with oil spill response guidance specific to the unique climatic and physiographic features of the Arctic environment. The Guide can be used by technical managers, decision-makers, local community first responders and the general public.

PROJECT: ANALYSIS OF THE EFFECTIVENESS OF EXISTING EMERGENCY NOTIFICATION ACCIDENT REPORTING SYSTEMS
Region: Circumpolar
Project Period: Completed 1998
Lead Country: United States
Leader: Ann Heinrich, Department of Energy
Implementing Agency: N/A
Brief: The purpose of the analysis is to identify any gaps in the existing notifications and communications networks within and among the eight Arctic countries. A self-assessment of national systems was conducted which identified no gaps.

PROJECT: CIRCUMPOLAR MAP OF NATURAL RESOURCES AT RISK FROM OIL SPILL
Region: Circumpolar
Project Period: Completed 2002
Lead Country: Norway
Leader: Kjell Kolstad, SFT (kjell.kolstad@sft.no)
Implementing Agency: Akvaplan-niva AS (Michael.Carroll@akvaplan.niva.no)
Brief: The purpose of this GIS-based map is to help the international community reach immediate and properly prioritized decisions on natural resources protection issues during responses to oil spills that jeopardize significant biological resources in the Arctic.

PROJECT: THE EPPR WEB SITE
Region: The Internet
Project Period: Completed fall 1999
Lead Country: United States
Leader: Ann Heinrich, Department of Energy
Brief: The purpose of this project is to make the publications of the EPPR working group available to the public and to provide links to pertinent national and indigenous people's information. The EPPR website is located at: http://eppr.arctic-council.org

PROJECT: ARCTIC OFFSHORE OIL AND GAS GUIDELINES
Region: Circumpolar
Project Period: Completed June 1997, update completed 2002
Implementing Agency: National authorities and the oil and gas industry

Brief: The purpose of the Arctic Offshore Oil and Gas Guidelines is to set forth the specific operational steps which should be followed when planning for Arctic offshore oil and gas activities. EPPR prepared the guidelines on emerging response at the request of PAME, the overall project leader.

PROJECT: EMERGENCY SOURCE CONTROL MANAGEMENT AND SPILL PREVENTION STRATEGIES FOR HIGH PRIORITY RISKS
Region: Circumpolar
Project Period: Ongoing
Leaders: Ann Heinrich, U.S. Department of Energy (ann.heinrich@hq.doe.gov) Boris Goldfarb, EMERCOM of Russia
Implementing Agency: N/A
Brief: The purpose of this project is the development of source control management and prevention strategies for high risk activities in the Arctic to reduce the pollution risks posed by those human activities identified in the Arctic Risk Analysis. This would include conducting comprehensive risk and technology assessments to identify prevention strategies to reduce the risk of accidents from those activities identified in the Arctic Risk Analysis. The pilot project phase of the project is being conducted.

PROJECT: SHORLINE CLEANUP ASSESSMENT TECHNOLOGY
Region: U.S.A & Canada
Project Period: Ongoing
Lead Country: Canada
Leader: Laura Johnston, Environment Canada
Implementing Agency:
Brief: The purpose is to develop a standardized approach to Arctic shoreline cleanup assessment technology (SCAT) beginning by reviewing current practices and terminology. On the basis of this write a SCAT manual to be used by responders in shoreline cleanup actions.

PROTECTION OF THE ARCTIC MARINE ENVIRONMENT (PAME)

PROJECT: UPDATE THE 1996 REPORT ON ANALYSIS OF INTERNATIONAL AGREEMENTS AND ARRANGEMENTS
Region: Circumpolar
Lead Country: PAME Working Group in cooperation with other Arctic Council Working Groups
Leader: PAME Secretariat
Implementing Agency: All Arctic nations

PROJECT: CURRENT AND POTENTIAL SHIPPING ACTIVITIES - SNAPSHOT ANALYSIS
Region: Circumpolar
Lead Country: Norway
Leader: Sveinung Oftedal, Ministry of the Environment, Norway - Svo@md.dep.no
Implementing Agency: All Arctic nations

PROJECT: PROMOTE APPLICATION OF THE 1997 ARCTIC OFFSHORE OIL AND GAS GUIDELINES
Region: Circumpolar

Project Period: On-going
Lead Country: All Arctic nations
Leader: N/A
Implementing Agency: All Arctic nations
Brief:

PROJECT: IMPLEMENTATION OF THE REGIONAL PROGRAMME OF ACTION FOR THE PROTECTION OF THE ARCTIC MARINE ENVIRONMENT FROM LAND-BASED ACTIVITIES (RPA)
Region: Circumpolar
Lead Country: PAME Working Group in cooperation with other Arctic Council Working Groups
Leader: PAME Working Group and its Secretariat
Implementing Agency: All Arctic nations

PROJECT: CIRCUMPOLAR MARINE WORKSHOP IN MONTREAL, NOVEMBER 28-DECEMBER 2, 1999
Region: Circumpolar
Lead Country: N/A
Leader: N/A
Brief: Findings presented at the SAO meeting in Fairbanks, Alaska, April 26-28, 2000

PROJECT: SUPPORT TO THE NATIONAL PLAN OF ACTION FOR THE PROTECTION OF THE ARCTIC MARINE ENVIRONMENT FROM ANTHROPOGENIC POLLUTION IN THE RUSSIAN FEDERATION-RUSSIAN PAN-ARCTIC
Region: Russia PDF-B (GEF Project)
Project Period: October 1999-January 2001, Partnership Conference mid-2001
Lead Country: Russia
Leader: ACOPS
Financial Support: USA, Canada, Sweden, Norway, Finland, UK, EU, GPA, GEF
Implementing Agency: Russian Federation
Brief:

PROJECT: DEVELOP CLEARINGHOUSE MECHANISM
Region: Circumpolar
Project Period: On-going
Lead Country: PAME Working Group
Leader: PAME Secretariat
Implementing Agency: N/A
As a part of the RPA-UNEP GPA Clearinghouse

PROJECT: ARCTIC WATERS OIL TRANSFER GUIDELINES
Region: Circumpolar
Lead Country: Canada
Leader: Chris Cuddy, Indian and Northern Affairs Canada - Chris.Cuddy@INAC.inac-ainc.x400.gc.ca
Implementing Agency: All Arctic nations

PROJECT: FOLLOW-UP ACTIVITES TO ADDRESS SHIP GENERATED WASTE

Region: Circumpolar
Lead Country: Norway/proposal being developed
Leader: Sveinung Oftedal, Ministry of the Environment, Norway - Svo@md.dep.no
Implementing Agency: All Arctic nations

SUSTAINABLE DEVELOPMENT WORKING GROUP (SDWG)

PROJECT: THE FUTURE OF CHILDREN AND YOUTH OF THE ARCTIC
Region: Circumpolar
Project Period: 1998 - 2002
Leader: Harald Finkler, Director, Circumpolar Liaison Directorate, Indian and Northern Affairs Canada, Ottawa, Ontario K1A 0H4, Canada, +1 819 997-8318; fax: +1 819 953-0546; e-mail finklerh@inac.gc.ca

Arctic Council Participation: Member States and Permanent Participants
Implementing Agencies: Indian and Northern Affairs Canada and Health Canada
Goals:

1. To improve the health and well-being of children and youth in the Arctic.

2. To improve the basis for sound decision-making by increasing the knowledge and understanding of sustainable development among Arctic youth and children.

The three components of the initiative are: Health; Networking; and Internships. The Health component has started with an examination of existing baseline data and studies in key areas that are related to the health of children and youth in the circumpolar region. The Internship and Networking programmes aim to engage and empower youth by facilitating the sharing of information, improving knowledge and understanding of sustainable development issues, and offering experience in putting sustainable development into practice.

The project includes:
-The Development and Research Project of the Psychosocial Well-being of Children and Youth in The Arctic 2001-2003

PROJECT: ARCTIC TELEMEDICINE Phase 2 - Evaluation of Telemedicine
Region: Arctic
Project Period: 2001-2002
Lead Country: United Sates
Leader: Mr Adan Cajina, Evaluation Director, Office for the Advancement of Telehealth (OAT)/HRSA/HHS, 5600 Fishers Lane, Room 11A-55, Rockville, MD 20857, USA. Phone: +1-301-443-0829, Fax: +1-301-443-1330, Acajina@hrsa.gov
Arctic Council Participation:
Implementing Agency:
Brief: A steering committee on evaluation has been formed. The purpose of the steering committee is to provide a mechanism to share past and current evaluation information, identify lessons learned, and plan future telehealth evaluation initiatives of common interest to Arctic nations.

PROJECT: CO-MANAGEMENT OF MARINE RESOURECS IN ARCTIC AREAS WITH RESPECT TO ABORIGINAL PEOPLE AND TRADITIONAL ECOLOGICLA KNOWLEDGE
Region: Barents Region
Project Period: 2002
Lead Country/Permanent Participant: Sami Council
Leader: Solveig Joks, Sami Council, P.O. Box 183, N-9520 Kautokeino, Norway, +47 78 48 58 00, solveig.joks@samiskhs.no
Arctic Council Participation: N/A
Implementing Agency: N/A
The project is focusing on gathering information about marine resource management in Canada, Greenland and Alaska and to what degree aboriginal people influence management in these countries. The idea is to investigate if the experiences of other Arctic aboriginal people can be useful in the development of a co-management model for coastal- and fjord fishing in Saami fjord areas.

PROJECT: ECOLOGICAL AND CULTURAL TOURISM
Region: Circumpolar
Project Period: 1998-2002
Lead Country: United States
Leader: Mr. Michael Johnson, State of Alaska, Department of Community and Economic Development, 550 West 7th Avenue, Anchorage, Alaska 99501 USA, Phone: +1-907-2698 112, Fax:+1-907- 2698 125, michael_johnson@dced.state.ak.us
Implementing Agency: State of Alaska, Department of Community and Economic Development (DCED)
Brief: The purpose of this project is to empower the tourism sector in the Arctic to continually innovate more sustainable business practices which contribute to a wider sustainable development strategy, effective nature conservation and the well-being of local people. The project will offer capacity or competency building to tourism businesses and incentives, such as certification, to improve on-the-ground business practices.

PROJECT: SURVEY OF LIVING CONDITIONS IN THE ARCTIC (SLICA)
Region: Circumpolar
Project Period: 1998-2002
Lead Country: Denmark/Greenland
Leader: Mr. Birger Poppel, Statistics Greenland, Greenland Home Rule Government, P.O. Box 1025, DK-3900 Nuuk, Greenland, +299 34 55 63, birger@gh.gl;
Arctic Council Participation: Canada, Iceland, Norway, Sweden, Finland, Denmark and United States
Implementing Agency: Statistics Greenland
The goal of this project is to develop new indicators of living conditions for Sami and Inuit communities in the Arctic. The new research design and the indicators are to reflect the specific economic and cultural characteristics of the indigenous peoples and include a statistical method for sampling in the Arctic. The Inuit and Saami populations in Inuvialuit, Nunavut, Nunavik, Labrador, Greenland, Alaska, Chukotka, Norway, Sweden, Finland and Kola Peninsula share a number of economic, cultural and technological concerns in common. Current measures show higher unemployment, lower income levels, poorer health and more social problems among Inuit and Saami than among the rest of the population in these countries. As a result, it is important, from the perspective of policy planning as well as

research, to be able to accurately document the present level and any future changes of the conditions of life in these areas.
For more information visit the SLICA websites:
http://www.iser.uaa.alaska.edu/projects/Living_Conditions/index.htm
http://www.arcticliving.gl(mainly still under construction)

PROJECT: INTERNATIONAL CIRCUMPOLAR SURVEILLANCE (ICS): PREVENTION AND CONTROL OF EMERGING INFECTIOUS DISEASE IN THE ARCTIC
Region: Circumpolar
Project Period: 2000-2002
Leader: Dr. Alan Parkinson, Arctic Investigations Program, National Center for Infectious Diseases Center for Disease Control & Prevention, 4055 Tudor Centre Drive, Anchorage, Alaska 99508 USA, +907-729-3407, fax+907-729-3429,
email: ajp1@cdc.gov
Arctic Council Participation: United States, Canada, Denmark/Greenland, Norway, Sweden, Finland, Iceland, Russia.
Implementing Agency: US Centers for Disease Control and Prevention, Atlanta, Georgia
The goal of this project is to establish an integrated International Circumpolar Surveillance (ICS) network linking hospitals and public health laboratories throughout the Arctic for the purpose of monitoring emerging and infectious disease problems within Arctic communities. Linking public health facilities within the Arctic states will allow for the collection and sharing of standardized laboratory and epidemiological data that will describe the prevalence of infectious diseases of concern in Arctic populations, and assist in the formulation of prevention and control strategies. The plan is to establish population-based surveillance of diseases of most concern to residents of Arctic countries, to determine the rates of disease, populations at most risk, and the most effective preventive strategies.

More information:
1999 Executive Summary

PROJECT: SUSTAINABLE DEVELOPMENT IN NORTHERN TIMBERLINE FORESTS
Region: Circumpolar
Project Period: 2000 - 2002
Lead Country: Finland
Leader: Dr. Marja-Liisa Sutinen, Finnish Forest Research Institute, Kolari Research Station, FIN-95900 Kolari, Finland, Phone: +358-16-561 401, Fax +358-16-561 904, e-mail marja-liisa.sutinen@metla.fi
Arctic Council Participation: Finland, Iceland, Canada, Russia, Norway, Sweden, RAIPON
Brief: The aim of the project has been to arrange a workshop on Sustainable Development in Northern Timberline Forests. The workshop was arranged by the Finnish Forest Research Institute, the Arctic Centre (University of Lapland), The University of Joensuu and the Finnish Forest and Park Service in Rovaniemi, Finland in May 2002. Special emphasis was paid to the social and economic consequences of global change in the region and to the ecosystem management in these regions. At the workshop recent research in the field was reviewed, and on the basis of keynotes, papers, posters and structured discussions in working groups, recommendations on sustainable development in the tundra-taiga zone were formulated.

PROJECT: SUSTAINABLE REINDEER HUSBANDRY

Region: Circumpolar
Project Period: 2000-2002
Lead Country: Norway
Leader: Johnny-Leo L. Jernsletten, Centre for Sami Studies, University of Tromsø, N-9037 Tromsø , Phone: +47-776-46466, Fax: +47-776-77672, johnny.jernsletten@sami.uit.no
Arctic Council Participation: Norway, Finland, Sweden, Russia, USA
Brief: The aim of the project is to assess circumpolar reindeer herding and husbandry in relation to economic and social/cultural sustainability. The project has collected the latest available national statistics and information about reindeer husbandry, management policy and plans, and predators, as well as scientific papers about the status and trends in reindeer husbandry. In addition to this written material, a set of interviews with reindeer herders and owners, bureaucrats and researchers in Sweden, Finland, Russia, Alaska and Norway has been accomplished. Several field trips to different parts of Russia, Alaska, Norway, Sweden and Finland were conducted in May 2001 to April 2002. Based on the collected written material and the interviews an analysis of the present situation in the circumpolar reindeer husbandry has been prepared.

Arctic Contaminants Action Program (ACAP)

PROJECT: Multilateral co-operation project on phase-out of PCB use, and management of PCB-contaminated wastes in the Russian Federation

Region: Russia
Project period: Phase 1: May 1999 - May 2000; Phase 2: 2000-2001, Phase 3: 2001-2003.
Funding: Phase 1 is funded by: Canada, Denmark, Finland, Iceland, Norway, Russia, Sweden, the Netherlands and USA.
Local Counterpart: State Committee of the Russian Federation for Environmental Protection, RAS, Russian Ministry of Economy, and Centre for International Projects (CIP).
Brief: Phase 1: Identifying major sources for PCB within the Russian territories, production, storage, use and waste sites.

PROJECT: Evaluation of Dioxins and Furans in the Russian Federation

Region: Russia
Project period: 3 phases. Work-plan under development. Phase 1: initiated in 2001
Funding: Will be discussed at an ACAP meeting April2-3. Present financial commitments from: Sweden, USA.
Local Counterpart: Ministry of Natural Resources, and Centre for International Projects (CIP).
Brief: Identification of potential sources of dioxins and furans e.g. is metal smelters, waste incinerators and pulp and paper mills. Technology and information transfer to bring Russian sampling techniques and analytical capabilities harmonised to European standards. The project will facilitate Russia to establish a dioxin and furan inventory and to gain new information on sources of dioxins and furans and the magnitude of their releases.

PROJECT: Develop fact sheets on Arctic contaminants for use by Arctic Council countries delegations in other fora.

Region: Circumpolar
Project period: 2000-2001.
Funding: Denmark, Norway.
Local Counterpart: Key experts in various countries.
Brief: The objective of this proposed project it to further ensure that Arctic issues are communicated to other fora so that Arctic concerns are more likely to be considered when such fora are formulating and implementing actions which may have an impact on the Arctic.

PROJECT: Reduction of Atmospheric Mercury releases from Arctic States.

Region: Circumpolar
Project period: Work-plan under development.
Funding: Will be discussed at an ACAP meeting April 2-3.
Local Counterpart: Environmental authorities in all countries.
Brief: Identification of main source categories for mercury emission within the arctic region. Based on this information, identify and prioritise source categories for possible reduction measures, and promote development of action plan or strategies for mercury emission reduction for those countries or regions that do not have such plan. Identify and propose cost effective measures at one or a few specific sources or plants at sites were progress in reduction activities is slow. Initiate reduction measures through fund raising, technology transfer and technical assistance.

Project: Environmentally sound management of stocks of obsolete pesticides in the Russian Federation

Region: Russia
Project period: work-plan under development
Funding: Will be discussed at an ACAP meeting April 2-3.
Local Counterpart: Ministry of Natural Resources, and Centre for International Projects (CIP).
Brief:
Phase I: An inventory of data from 30-35 regions of Russia. Based on analysis of the inventory a strategy should be developed and practical measures be planned on redeployment/removal of the stocks to facilitate their future disposal. Phase 2 and Phase 3: Disposal operations, incl. studying of domestic industrial facilities to identify their capacity for destruction/disposal exercise. Phase I and II should be elaborated in close co-operation with, or lead by, FAO and UNEP.

Project: Guidelines for performing Environmental Impact Assessments of handling and storage of radioactive waste in Russia

Region: Russia
Project period: Pilot-project finalised by May 1st. Phase II is planned for 2001-2002.
Funding: Will be discussed at an ACAP meeting April 2-3.
Local Counterpart: Ministry of natural resources and environmental protection.
Brief: To develop guidelines for performing Environmental Impact Assessments of handling and storage of radioactivity, based on Russian regulations. Case studies will be used in the process to evaluate the draft guidelines.

Project: Outspread and Implementation of the Cleaner Production Methodology in the

Arctic Zone of the Russian Federation.

Region: Russia
Project period: Three year work plan for a site-specific sub-project at Norilsk Mining Company under development.
Funding: Will be discussed at an ACAP meeting April 2-3.
Local Counterpart: The Russian-Norwegian Cleaner Production Centre, Moscow, and AO Norilsk Mining Company.
Brief: The project counterparts plan to organize and undertake an in-company Cleaner Production (CP) programme in the Arctic town of Norilsk, where the objective is to carry out a full CP assessment of all production units and utilities, and to introduce other available instruments of eco-efficiency to these units as appropriate. The training programme which eventually will comprise the entire staff of engineers, will be interactive, meaning that concrete environmental projects will be developed by the participants and implemented in all participating production units and public utilities as part of the training programme. A system for creating further continual improvements (EMS), based on the acquired capacity within the company will be established.