

## Resolution G (2007)

### Long-term Scientific Monitoring and Sustained Environmental Observation in Antarctica

The Representatives,

*Recalling* the Edinburgh Antarctic Declaration on the IPY 2007-2008 that was agreed at ATCM XXIX, which supports the objective of delivering a lasting legacy for the IPY, and promotes increasing collaboration and coordination of scientific studies within Antarctica;

*Recalling* that the CEP has a continuing commitment to environmental monitoring related to the implementation of the Protocol;

*Noting* that the Arctic Council Ministerial Meeting of 26 October 2005 urged all member countries of the Arctic Council to maintain and extend long-term monitoring of change in all parts of the Arctic as well as to create a coordinated Arctic observing network;

*Recalling* the success of the CCAMLR Ecosystem Monitoring Programme in providing over two decades of circum-Antarctic data on the Antarctic marine ecosystem and biological environment;

*Welcoming and supporting* SCAR's proposal to establish a multi-disciplinary pan-Antarctic observing system, which will, in collaboration with others, coordinate long-term monitoring and sustained monitoring and observation in the Antarctic;

**Recommend** that the Parties:

1. Urge national Antarctic programmes to maintain and extend long-term scientific monitoring and sustained observations of environmental change in the physical, chemical, geological and biological components of the Antarctic environment;
2. Contribute to a coordinated Antarctic observing system network initiated during the IPY (2007-09) in cooperation with SCAR, CCAMLR, WMO, GEO and other appropriate international bodies;
3. Support long-term monitoring and sustained observations of the Antarctic environment and the associated data management as a primary legacy of the IPY, to enable the detection, and underpin the understanding and forecasting of the impacts of environmental and climate change.