

IHY Operations: How the IHY is facilitated by the IHY Secretariat

BARBARA THOMPSON, JOSEPH DAVILA, NAT GOPALSWAMY
and RICHARD WESENBERG

NASA Goddard Space Flight Center

In 1957 a program of international research, inspired by the International Polar Years of 1882 and 1932, was organized as the International Geophysical Year (IGY) to study global phenomena of the Earth and geospace. Fifty years later, the world's space science community will again come together for international programs of scientific collaboration: the International Heliophysical Year (IHY), the Electronic Geophysical Year (eGY), and the International Polar Year (IPY) 2007. This time, research will extend out into the Heliosphere to focus on solar-terrestrial-planetary interactions.

The ambitious plans for the IHY, eGY and IPY incorporate the activities of scientists in 191 nations, as well as the "IGY Gold" Historical Preservation initiative, plus a series of coordinated campaigns involving more than 100 instruments and models, education and public outreach programs, a developing nations instrument development program, and opportunities for supported research worldwide. The presentation will focus on the efforts and operations which will make these activities possible.