

**MEMBERS OF STEERING COMMITTEES OF SCAR'S SCIENTIFIC
RESEARCH PROGRAMMES, 2006**

1. ANTARCTICA IN THE GLOBAL CLIMATE SYSTEM (AGCS)

Four theme teams coordinate the research:

- (1) Decadal time scale variability in the Antarctic climate system,
- (2) Global and regional climate signals in ice cores,
- (3) Natural and anthropogenic forcing on the Antarctic climate system,
- (4) The export of Antarctic climate signals.

The Scientific Steering Committee comprises:

John Turner: (Chair and Leader Theme 3; UK)
David Bromwich (Leader Theme 1; USA)
Paul Mayewski: (Leader Theme 2; USA)
Mike Meredith: (Leader Theme 4; UK)
Xiaou Cunde: (China)
Tony Worby: (Australia)
Shigeru Aoki: (Japan)
Nancy Bertler: (New Zealand)
Gino Casassa: (Chile)
Alberto Naveira-Garabato: (UK)
Helen Campbell: (UK)

2. ANTARCTIC CLIMATE EVOLUTION (ACE)

Six subcommittees coordinate the research:

LGM-Holocene	Chair: Tony Payne (UK)
Pleistocene	Chair: Tim Naish (NZ)
Middle Miocene-Pliocene	Chair: Alan Haywood (UK)
Oligocene-Miocene	Chair: Rob DeConto (USA)
Eocene/Oligocene	Chair: Jane Francis (UK)
Radio-Echo Sounding:	Chair: Detlef Damaske (Germany)

The Scientific Steering Committee comprises:

Martin Siegert (co-chair; UK)
Rob Dunbar (co-chair; USA)
Carlota Escutia (Spain)
Damian Gore (Austral)
Rob DeConto (USA)
Fabio Florindo (Italy)
Jane Francis (UK)
Sandra Passchier (Neth)
Ross Powell (USA)

Rob Larter (UK)
Gary Wilson (NZ)
Eric Wolff (UK)
Rob Bauer (USA)

3. EVOLUTION AND BIODIVERSITY IN THE ANTARCTIC (EBA)

Five theme teams (work packages) coordinate the research:

1. Evolutionary history of Antarctic organisms
2. Evolutionary adaptation to the Antarctic environment
3. Patterns of gene flow within, into and out of the Antarctic, and consequences for population dynamics
4. Patterns and diversity of organisms, ecosystems and habitats in the Antarctic, and controlling processes.
5. Impact of past, current and predicted future environmental change on biodiversity, and the consequences for Antarctic marine, terrestrial and limnetic ecosystem function

The Scientific Steering Committee comprises:

Guido di Prisco (co-chair; Italy, marine, also representing ICEFISH)
Peter Convey (co-chair; UK, terrestrial)
Dana Bergstrom (Secretary; Australia, terrestrial)
Shulamit Gordon (Acting Secretary; NZ; terrestrial)
Angelika Brandt (Ger., marine)
Marc LeBouvier (Fra., conservation matters)
Ad Huiskes (Neth., terrestrial, Chief Officer Life Sciences SSSG)
Michael Stoddart (Census of Antarctic Marine Life (CAML): Australia, marine)

Work Package 1: Brigitte Hilbig (Ger., marine, also representing ANDEEP-SYSTCO), and Dominic Hodgson (UK, terrestrial)

Work Package 2: Dan Costa (US, marine), and Takeshi Naganuma (Jap, terrestrial)

Work Package 3: Antonio Mateo Sole-Cava (Brazil, marine), and Ian Hogg (NZ, terrestrial)

Work Package 4: Julian Gutt (Ger., marine), and Satoshi Imura (Jap, freshwater)

Work Package 5: Edith Fanta (Brazil, marine), and Tad Day (US, terrestrial)

4. SUBGLACIAL ANTARCTIC LAKE ENVIRONMENTS (SALE)

The Scientific Steering Committee comprises:

John Prisco (Chief Officer; USA)
Chuck Kennicutt (Secretary; USA)
Valery Lukin (Rus)
Martin Siegert (UK)
Jean Robert Petit (France)
Christophe Mayer (Germany)
Robin Bell (USA)

Sergey Bulat (Rus)
Cynan Ellis-Evans (UK)
Frank Pattyn (Bel).
Ross Powell (USA)
Yuansheng Li (China)
Satoshi Imura (Japan)
Carlo Barbante (Italy)

5. Inter-hemispheric Conjugacy Effects in Solar-Terrestrial and Aeronomy Research (ICESTAR)

Four Thematic Action Groups (TAGs) coordinate the research:-

TAG-A: Quantifying and understanding the similarities and differences between the Northern and Southern polar upper atmospheres;

TAG-B: Quantifying the effects on the polar ionosphere and atmosphere of the magnetospheric electromagnetic fields and plasma populations;

TAG-C: Quantifying the atmospheric consequences of the global electric circuit and further understanding the electric circuit in the middle atmosphere;

TAG-D: Creating a data portal to integrate all of the polar data sets and modeling results.

The Scientific Steering Committee comprises:

Allan Weatherwax (Co-Chair; USA)

Kirsti Kauristie (Co-Chair; Finland)

Brian Fraser (Australia)

Scott Palo (TAG-C Co-Leader; USA)

Martin Fullekrug (TAG-A Leader; UK)

Ruiyuan Liu (China)

Nikolai Østgaard (TAG-C Co-Leader; Norway)

Aaron Ridley (TAG-D Leader; USA)

Natsuo Sato (Japan)

Eftyhia Zesta (TAG-B Leader; USA)

Maurizio Candidi (Italy)