

## SPARC Scientific

### Steering Group

#### Co-Chairs

G. Bodeker (New Zealand)  
T. G. Shepherd (UK)

#### SSG Members (2012)

J. Arblaster (Australia)  
M. J. Alexander (USA)  
H.-B. Chen (China)  
R. Diab (South Africa)  
V. Eyring (Germany)  
D. Fahey (USA)  
T. Peter (Switzerland)  
M. Pulido (Argentina)  
K. Rao (India)  
M. Santee (USA)  
A. Scaife (UK)  
M. Shiotani (Japan)

#### Ex-Officio Members

COSPAR: J. Gille  
IGBP/IGAC: M. Melamed  
SCOSTEP: M. Geller  
NDACC: M. J. Kurylo  
WMO/GAW: G. O. Braathen

## WCRP Liaison

JPS: V. Ryabinin

## Themes

### Climate-Chemistry Interactions

T. Peter (Switzerland)  
A.R. Ravishankara (USA)

### Detection, Attribution, and Prediction of Stratospheric Change

W. Randel (USA)  
T. G. Shepherd (UK)

### Stratosphere-Troposphere Dynamical Coupling

M. Baldwin (USA)  
S. Yoden (Japan)

## Activities

### CCMVal

V. Eyring (Germany)  
D. Waugh (USA)  
A. Gettelman (USA)  
S. Pawson (USA)  
T.G. Shepherd (UK)

### Gravity Waves

J. Alexander (USA)

### Data Assimilation

D. Jackson (UK)

### SOLARIS

K. Kodera (Japan)  
K. Matthes (Germany)

### Trace Gas Climatology (SPARC Data Initiative)

M. Hegglin (UK)  
S. Tegtmeier (Germany)

### DynVar

E. Manzini (Germany)

### Geoengineering

A. Robock (USA)  
T. Peter (Switzerland)

### Water Vapour II

K. Rosenlof (USA)  
T. Peter (Switzerland)

### Ozone Profile II

N. Harris (UK)  
J. Staehelin (Switzerland)  
R. Stolarski (USA)

### Lifetime Halogen Gases

M. Ko (USA)  
P. Newman (USA)  
S. Reimann (Switzerland)  
S. Strahan (USA)

### Temperature Trends

W. Randel (USA)  
D. Thompson (USA)



## SPARC Office

### Director:

J. Staehelin

### Project Scientists:

D. Pendlebury  
F. Tummon

### Communication Manager:

C. Arndt

### Office Manager:

A. Witten

### Contact

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