



Joint ProClim- / WCRP Forum
The World Climate Research Programme and
the Perspective from Switzerland
Friday, August 29, 1997, Geneva

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ProClim-

Forum for Climate and Global Change

Swiss Academy of Sciences

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May 1997

ProClim-

Symposium objectives

The World Climate Research Programme (WCRP) is organizing a conference entitled "The WCRP: Achievements, Benefits and Challenges" in Geneva from 26 to 28 August 1997. Well known scientists from around the world will present the main results of the WCRP during the past 17 years of its existence and discuss the future direction with policy-makers, funding agencies and key scientists.

We would like to take this unique opportunity to bring the highlights of the WCRP to your attention. On Friday, 29 August, a selection of scientists will share with you the key findings of the WCRP in illustrative presentations aimed at non-specialists. We will also present some highlights of the Swiss Research Program on climate change and natural disasters and some of the contributions to the WCRP.

We believe that the joint WCRP/ProClim- Forum will be attractive to the Swiss Science community, to interested persons from the different international agencies located in and around Geneva as well as to attendees of the WCRP Conference who want to take the opportunity to meet in an informal way.

ProClim- the Forum for Climate and Global Change of the Swiss Academy of Sciences is a platform for the presentation of and reflection important issues in the field of climate and global change.

Programme

09.45 – 10.15

coffee break in front of the meeting room

10.15 – 10.30

Thomas Gutermann
Introduction

10.30 – 11.00

Hartmut Grassl
Achievements of the WCRP

11.00 – 11.30

Jim Bruce
Outcome of the Conference on the WCRP:
New Priorities and Challenges

11.30 – 12.00

Jean Jouzel
CLIVAR with Special Aspects of PAGES

12.00 – 12.30

John Gould
The oceans' role in climate - achievements in WCRP

12.30 – 14.00

Lunch break

14.00 – 14.50

Thomas Gutermann
Swiss Response to WCRP

14.50 – 15.40

Huw Davies
Swiss Contributions to the WCRP

Highlights of Swiss Climate Research

Heinz Wanner
Alpine Climate Change and Variability

15.40 – 16.00

Thomas Stocker
Paleoclimate Research: The Combination of Models
with Paleodata from Different Archives

Christoph Ritz
General Conclusions

Organizing committee

H. Davies	ETH Zürich, Research Council of the SNST, SPP-Environment, ProClim-
H. Grassl	Director WCRP
T. Gutermann	Director Swiss Meteorological Agency, Chair NFP 31, ProClim-
R. Newson	WCRP
C. Ritz	ProClim-
J. Romero	BUWAL
H. Wanner	University of Berne, president of ProClim- and the OcCC

Curriculum of the Speakers

Thomas Gutermann Director Swiss Meteorological Agency SMA. President of the experts of the National Program for Climate Change and Natural Disasters (NFP-31). Meteorology, statistical methods.

Hartmut Grassl Director of the World Climate Research Program WCRP. Remote Sensing of atmosphere and oceans from space, modeling of aerosol-climate interactions, cloud radiation interactions, climate change.

Jim Bruce Co-chair of IPCC Working Group III and Chair of the Canadian Climate Program Board. Chair of Internat. Advisory Committee of U.N. University Internat. Network for Water, Environment & Health. Climate, climate change, water resources, disaster mitigation and related topics.

Jean Jouzel Head of Laboratoire de modélisation du climat et de l'environnement CEA (French Atomic Energy Agency). Member of CLIVAR SSG. Chairman of EPICA (Europ. Project for Ice Coring in Antarctica). Ice core studies, climate modeling, paleoclimatology.

John Gould Director of the International Project Office for the World Ocean Circulation Experiment. Physical oceanography, ocean circulation in the North Atlantic, climate prediction.

Huw Davies Professor for atmospheric physics, ETH Zürich. Member of several national and international committees. Atmospheric and oceanic dynamics, weather prediction, data analysis, numerical techniques and computational physics.

Heinz Wanner Professor for geography, University of Berne. President of ProClim- and the OcCC. Synoptic climatology, regional climate change, mountain meteorology and air pollution.

Thomas Stocker Professor for physics, University of Berne. Director Laboratory for Climate and Environmental Physics. Climate dynamics and abrupt changes, simple models of climate systems, role of the ocean for climate change.

Christoph Ritz Head of the ProClim- office, Forum for Climate and Global Change of the Swiss Academy of Sciences. Physics, chaotic complex systems.