

The Kyoto & Carbon Initiative  
3rd Science Advisory Panel meeting

Friedrich-Schiller Universität Jena, Germany  
October 14-15, 2002



Science Advisory Panel

The international Science Advisory Panel has been set up to:

- Review the scientific relevance in the project design and assure alignment with relevant environmental conventions and significant international initiatives (e.g. GTOS/TCO, GOFCC/GOLD)
- Advice on product definition and product generation
- Provide links to national and international collaborators.



## K&C Science Advisory Panel

Bruce [Chapman](#), NASA Jet Propulsion Laboratory (USA)  
Josef [Cihlar](#), (IGOS-P/TCO) CCRS (Canada)  
Craig [Dobson](#), NASA HQ (USA)  
Franco [De Grandi](#), Joint Research Centre (E.U.)  
Martti [Hallikainen](#), Univ. of Helsinki (Finland)  
Laura [Hess](#), Univ. of Calif. Santa Barbara (USA)  
Tamotsu [Igarashi](#), NASDA (Japan)  
Thelma [Krug](#), (IPCC) INPE (Brazil)  
Richard [Lucas](#), Univ. of Wales (U.K.)  
Tony [Milne](#), Univ. of New South Wales (Australia)  
Shaun [Quegan](#), Univ. of Sheffield (U.K.)  
Ake [Rosenqvist](#), (GOFC) NASDA (Japan)  
Steven [Running](#), Univ. of Montana (USA)  
Bill [Salas](#), Univ. of New Hampshire (USA)  
João Roberto [dos Santos](#), INPE (Brazil)  
Haruo [Sawada](#), Forest Research Inst. (Japan)  
Christiane [Schmullius](#), Univ. of Jena (Germany)  
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Thuy [Le Toan](#), CESBIO (France)  
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Yoshifumi [Yasuoka](#), Univ. of Tokyo (Japan)

## Science Advisory Panel meetings

### 1st Science Panel meeting (Tokyo - Japan; November 2001)

- Review of the project objectives
- Identification of the "optimal" acquisition modes for ALOS PALSAR
- Review the PALSAR data acquisition strategy

### 2nd Science Panel meeting (Santa Barbara - USA; May 2002)

- Definition of K&C output products and (U.S.) collaborating organisations.

### 3rd Science Panel meeting (Jena - Germany; October 2002)

- Definition of K&C output products and (European) collaborating organisations.

### 4th Science Panel meeting (Tokyo - Japan; ~early 2003)

- Science Plan

## Meeting Objectives

- **Definition** of a number of scientifically viable **output products**, in which NASDA satellite data are utilised, which fit within the thematic scope of the Kyoto & Carbon Initiative.
- **Identification** of collaborating **partners**, who will take the lead for the generation of those products.



## The 2001 status of the Kyoto Protocol



Even Santa Claus is affected by climate change



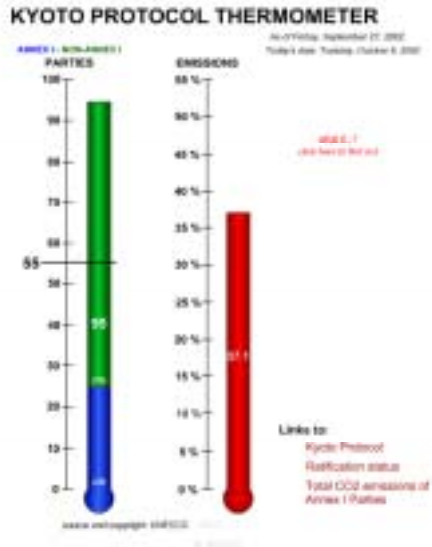
## The **current status** of the Kyoto Protocol

### Rules for entry into force

- **55 Parties** to the Convention (Annex-I and -II) must ratify the Protocol, **including**
- **Annex-I Parties** accounting for **55%** of that group's CO2 emissions in 1990 (K.P. Art. 25).

### Current status

- **95 Parties** ratified
- **37.1%** of the Annex-I emissions



## The **near-future status** of the Kyoto Protocol

Russia (Annex-I : 17.4%) and China (Annex-II) announced at the WSSD in Johannesburg their intentions to ratify the Protocol in early 2003.

-> **0.5%** remaining for the Protocol to come into force.

