

Hazards (HAZ)

Wednesday, 19 March 1997

Chairman: J Bodechtel

- 16:40 **Jean Chorowicz**
SAR ERS imagery for the study of relationships between tectonics and volcanism
- 17:00 **G Wadge**
Volcano monitoring using interferometric SAR
- 17:20 **Christophe Delacourt**
Post eruptive deformation associated with the 1986-87 and 1989 lava flows of Etna detected by radar interferometry
- 17:40 **A. Roth**
Observation of the effects of the subglacial volcano eruption underneath the Vatnajökull glacier in Iceland with ERS SAR data
- 18:00 **Xiaoqing Wu**
ERS Tandem interferometric observation of volcano activity in Iceland
- 18:20 **M. Wooster**
Volcano Monitoring Using data from the ERS Along Track Scanning Radiometer

Thursday, 20 March 1997

- 14:00 **Frederic Adragna**
Probing the ultimate capabilities of radar interferometry for deformation with low gradient
- 14:20 **Ramon Hanssen**
A time series approach for monitoring slow deformation processes
- 14:40 **A. Ozer**
Neotectonic and interferometry in Calabria (Italy) and Dead Sea (Jordan)
- 15:00 **Salvatore Ponte**
ERS tandem data for earthquake prediction: Preliminary results
- 15:20 **Christoph Reigber**
The 1995 Antofagasta Earthquake 3D deformation pattern as observed by GPS and the ERS SAR
- 15:40 **B. Theilen-Willige**
Earthquake hazard zonation in the Lake Constance area based on satellite radar (ERS-1, SIR-C) and LANDSAT TM data
- 16:00 **Charles Werner**
Detection of a seismic creep along the San Andreas Fault near Parkfield, California
- 16:20 **P. Wright**
Application of SAR Interferometry to the Imaging and Measurement of Neotectonic Movement Applied to Mining and Other Subsidence/Downward Modelling
- 16:40 **Mancini**
Integration of ERS-1 PRI imagery and digital terrain models for the assessment of flooded areas
- 17:00 **Laurent Marinelli**
Flood mapping using ERS tandem coherence image: a case study in South France

Posters (Wednesday, 19 March 1997, 18:00)

- Gordon Jolly**
Clean Seas: marine pollution monitoring from space
- Mark Haynes**
CivInSAR: further operational applications of ERS SAR differential interferometry for displacement detection
- Claudie Carnec**
Potential of Tandem Mission for detecting and monitoring small terrain movements
- Jean Chorowicz**
Complementary analysis of SAR ERS and SPOT P data for the mapping of Pinatubo lahar and pyroclastic flow deposits.
- P. Clemente-Colon**
Application of a feature tracking shape matching method to multi-spacecraft SAR observations of the 1996 oil slick off the coast of Wales.
- Benedict Fruneau**
Landslide monitoring in South of France with Tandem data
- Geoffrey Hugh Griffiths**
Modeling processes of dryland degradation using ERS ATSR-2 and SAR data
- Francois Kervyn**
contribution of SAR interferometry to tectonic studies in the East African rift
- Olivier Laugier**
High temporal detection and monitoring of flood dynamic using ERS data around catastrophic natural events: the 1993 and 1994 Camargue flood events
- Guido Lemoine**
Flood monitoring using ERS-1 and RADARSAT SAR data in the Jamuna River region of Bangladesh
- U. Munzer**
Recent interdisciplinary research in the neovolcanic zone of Iceland using SAR data

Gilles Peltzer

Crustal deformation in California using SAR interferometry

D Raymond

SAR interferometry: potential and limits for mining subsidence detection, with examples in the mulhouse area (eastern France)

Wolfgang Rosenthal

Use of ERS SAR for detection of threats to the Frisian Islands of the German North Sea Coast

L Smith

Flood monitoring from tandem ERS phase coherence maps: Ob River, Siberia