



SPECIAL SESSION: SS-4

EARTHQUAKE WASTE MANAGEMENT

Chair:

M. Bjerregaard, martin@disasterwaste.org

Founder, Disaster Waste Recovery

C. Brown, charlotte.brown@pg.canterbury.ac.nz

Department of Civil and Natural Resources Engineering

University of Canterbury, New Zealand

The Session aims to:

- Raise awareness amongst emergency managers of the environmental, social and economic impact of earthquake waste and the need to plan for waste management.
- Bring together researchers and practitioners to discuss the current state of post-earthquake waste management policy and practices and to identify possible areas for future research and development.
- Complement to Topic 6 - Managing Risk in Seismic Regions as it will give guidance to emergency managers on how to plan sufficiently for earthquake debris management. The session will draw on experiences from a wide number of earthquake events (L'Aquila, Haiti, Marmara, Kobe) and a range of personnel including practitioners, policy makers, emergency managers and researchers.

The session format will comprise of brief paper presentations and an open, directed discussion forum.

Date, place and the time of the session will be announced in the Conference Programme.

Duration: 120 mins

PROGRAMME:

Introduction: Session outline, Disaster Waste Management overview;

Case studies: Overview on Haiti, L'Aquila, Marmara, Kobe Earthquakes;

Post earthquake waste management: Assessments, Technical aspects, Implementation;

Planning: Preparedness for earthquake waste management, Institutional frameworks, Pre-positioning in industry;

Directed panel discussion: (1) Where does responsibility for disaster waste management lie? (2) Is it acceptable to alter environmental standards / risk acceptance to facilitate a faster clean-up? Including recycling, selection of disposal sites etc? (3) Is it acceptable to alter health and safety standards / risk acceptance to facilitate a faster clean-up? (4) How should the public be involved in disaster waste management - in terms of decision making and participation? (5) Who should pay for disaster waste management? (6) Others?

Concluding remarks: How to get involved in post-earthquake disaster waste management - skills needed and resources required.

Discussion