ISLAND Project

What is ISLAND?
ISLAND aims at increasing the effectiveness of disaster management by facilitating the sharing of appropriate knowledge and good practices in land, property and construction. Due to the broad scope of disaster management-related activities, this research will focus on creating a knowledgebase on the post-tsunami response, with specific reference to case material in Sri Lanka. Although ISLAND will initially focus on the post-tsunami response and Sri Lanka in particular, the infrastructure developed during the project is scalable to permit growth in the knowledgebase to address other aspects of disaster management.

Aims and Objectives of the research
A lack of effective information and knowledge dissemination can be identified as one of the major reasons behind the unsatisfactory performance levels of current disaster management practices. As such, ISLAND aims at increasing the effectiveness of the current disaster management strategies by sharing appropriate knowledge and good practices about post tsunami programmes in Sri Lankan context. In order to achieve this aim, the research will address the following objectives:

- Create an infrastructure for developing, sharing and disseminating knowledge about disaster management for land, property and construction.
- Develop a knowledgebase on post-tsunami recovery efforts, including but not limited to, disaster recovery strategies.
- Develop case materials on post-tsunami response in Sri Lanka.

Work packages

Work Package 1:
Develop knowledgebase infrastructure

Aim:
WP1 aims at developing infrastructure for developing, sharing and disseminating knowledge about disaster management in land, property and construction.

Tasks:
- Develop database structure
- Develop dynamic web portal
- Manage web portal
- Evaluate portal
- Write sustainability plan for the portal

Deliverables:
- Dynamic web portal and database; portal evaluation report; portal sustainability plan.

Work Package 2: Populate knowledgebase

Aim:
WP2 aims at populating the knowledgebase with a range of land, property and construction materials related to post-tsunami recovery efforts.

Tasks:
- Identify and approach potential contributors
- Collect case material on post-Tsunami response in Sri Lanka
- Populate knowledgebase

Deliverables:
- Populated knowledgebase; case reports.

Work Package 3: Disseminate research and identify future research directions

Aim:
WP3 aims at disseminating the research outputs and identifying future research directions.

Tasks:
- Identify new research directions
- Academic publications
- Conference and other presentations
- Mid-term report
- Final project report
- Seminars and events

Deliverables:
- Case reports

Project Team:
University of Salford, UK
Dr Dilanthi Amarutunga
Dr Richard Haigh
David Baldry

University of Moratuwa, Sri Lanka
Dr Sepani Senaratne

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