COURSE CO-ORDINATOR:

Professor Suzanne Wilkinson s.wilkinson@auckland.ac.nz  
Dr. Alice Chang-Richards yan.chang@auckland.ac.nz

LECTURE TIMES: Weekly lecture: Monday 12 pm – 2 pm, Room 104-124  
Weekly tutorial: Tuesday 10 am-11 am, Room 423-340

COURSE AIMS:
The frequencies of occurrence and impact on communities of various natural and man-made disasters have escalated over time. Disaster Management is a critical element of the delivery of a functioning urban system. This course is designed to provide an introduction to the management of disasters and the concept of resilience in a variety of settings. It aims to offer an overview of all key components of the urban resilience and of the solutions needed to successfully enhance disaster resilience. It covers the theories of natural resilience, social resilience, built resilience and economic resilience to disasters.

PHILOSOPHY:
Disaster management concepts and approaches related to urban resilience, including societal and infrastructure resilience. Key elements include exploring holistic approaches to disaster management and assessment of the relationship between resilience and disaster management. This includes systems and complexity, policy and general regulatory environment. This course involves group work and a course project.

LEARNING OBJECTIVES:
Upon successful completion of this course, students should be able to:

- Understand the fundamentals of disaster management and resilience
- Identify and address resilience needs at the national, regional, organisational and community levels
- Understand and apply a range of disaster management theories, approaches, tools and techniques
- Identify solutions for post-disaster reconstruction and disaster prevention
- Undertake the role of a Disaster/Emergency Manager

ASSESSMENT:
There are 3 assignments totalling 100% of the course assessment:

- Assignment 1 (40%)
- Assignment 2 (40%)
- Presentation (20%)

Hand-in time for assignments: Assignments are due by 12:00 pm noon on the Friday of the specified week
COURSE OUTLINE:
The paper will have a total of 24 hours lectures for 12 weeks in semester 1. Students are expected to undertake considerable additional work per week reading and completing assignments. The course will cover all major components of disaster management resilience. Topics are as follows:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Lecturer</th>
<th>Comment</th>
</tr>
</thead>
</table>
| 1    | Course introduction  
- Disaster management framework and context  
- Course structure and requirements | Alice/Suzanne | Introduction week & Teams formed for team project |
| 2    | Hazards and risks | Guest lecturer | |
| 3    | Disaster Risk Reduction (DRR) and stakeholders | Alice | |
| 4    | Economic resilience | Alice | |
| 5    | Organisational and business resilience | Alice | |
| 6    | Disaster preparedness | Alice | |
|      | Mid-semester break Friday 14 April – Saturday 29 April 2017 | | |
| 7    | Reconstruction of the built environment | Suzanne | |
| 8    | Infrastructure resilience | Guest lecturer | Assignment 1 due |
| 9    | Community and societal resilience | Suzanne | |
| 10   | Build Back Better | Regan/Sandeeka | Assignment 2 due |
| 11   | Course conclusion | Alice | In-class presentation |

TEXTBOOKS:
There are no prescribed texts. Students may find a number of texts which cover the course material well, and should refer to several where possible.