

GEOM30008 Land, People and Sustainability

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 2 h lecture and 2 h practical per week Total Time Commitment: 120 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Coordinator:	Assoc Prof Abbas Rajabifard
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Subject Overview:	This subject covers how governments build the policy, legal, institutional and economic infrastructures to manage allocation and use of land and natural resources. Topics include: policy instruments (laws, regulations, agreements, spending and education programs and market-based instruments and institutions for effective policy implementation; approaches to building institutional arrangements and the tools used to implement them; national and international approaches to land allocation and tenure systems (including traditional, community-based tenures); markets and property rights for land and natural resources, technology and its influences; information systems; and economy; and accounting systems that integrate economic, environmental and social outcomes for land management. Case studies, on international and national approaches to major problems of population movement, slum management, market transitions and development initiatives, will be used to illustrate different approaches.
Objectives:	On completion of this subject students should be able to: <ul style="list-style-type: none"> # Describe the infrastructure used to manage land and resources in different countries # Describe the popular tools used to create this infrastructure # Discuss the key institutions used to manage land and natural resources (including water, land, forests or marine resources) # Describe the international trends in building infrastructure and governance capacity

Assessment:	3 hour end-of-semester written exam (70%), 2000 word essay, due mid-semester (30%)
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>The following generic skills will be strengthened as a result of this course of study:</p> <ul style="list-style-type: none"> # Ability to apply knowledge of science and engineering fundamentals # Ability to undertake problem identification, formulation, and solution # Ability to communicate effectively, with the engineering team and with the community at large # Ability to manage information and documentation # Understanding of professional and ethical responsibilities, and commitment to them # Capacity for lifelong learning and professional development
Related Course(s):	Bachelor of Science
Related Majors/Minors/ Specialisations:	Geomatics Physical (Environmental Engineering) Systems