# 220-415 Ecologically Sustainable Forest Managmt

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| **Credit Points:** | 12.500 |
| **Level:** | Graduate/Postgraduate |
| **Dates & Locations:** | 2008,<br>This subject commences in the following study period/s:<br>Semester 2, - Taught on campus.<br>Intensive teaching mode at the Creswick Campus |
| **Time Commitment:** | Contact Hours: Twenty-four hours lectures and 36 hours of practical exercises 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 Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a> |
| **Coordinator:** | Prof R Keenan |
| **Subject Overview:** | Sustainable forest management involves the integration of a wide range of economic, environmental and social values. This subject presents the basis for sustainable forest management, the policy framework governing forest management, the scientific basis of landscape ecology and tools and techniques for analysis, design of management practices in forest landscapes and processes for successful development and implementation of forest management plans.<br>At the completion of this subject students will have a sound understanding of:<br># principles of forest management planning, sustainable land use and environmental management systems.<br># the policy framework for forest management, including: international conventions, national and state forest management, biodiversity and sustainability policies and codes of forest practice<br># Techniques in forest landscape design and planning, including; optimisation and zoning of forest land uses; reserve design; integration of multiple objectives such as biodiversity conservation, timber production and water supply; spatial analysis and presentation; public consultation; management plan preparation, implementation and review |
| **Assessment:** | In class exercises 10% Practical exercise (2500 words) 40% Presentation 10%Examination 40% |
| **Prescribed Texts:** | None |
| **Recommended Texts:** | Anon (1997) Victorian Statewide Assessment of Ecologically Sustainable Forest Management. Joint Commonwealth and Victorian Regional Forest Agreement (RFA) Steering Committee.<br>Ferguson, I.S. (1996), *Sustainable Forest Management*, Oxford University Press<br>Bissonette, J. and Storch, L. (2002) Landscape Ecology and Resource Management: Linking Theory with Practice, Island Press. |

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| | Diaz, N. and Apostol, D. (1992) Forest Landscape Analysis and Design. USDA Forest Service, Pacific Northwest Region. R6 ECO-TP-043-92 |
| **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 |
| **Links to further information:** | http://www.forests.unimelb.edu.au/subjects.html |