



## So you want to know how to 'fix' forest landscapes?

### 220511 Forest Landscape Restoration

This subject covers principles and practices of forest restoration from site to landscape scales. It focuses on ecological aspects of forest landscape restoration, but also considers the socio-economic factors that influence restoration programs.

#### Topics covered

- *Ecosystem function* of healthy and degraded forests
- *Indices* of ecosystem function and restoration success
- *Strategies and techniques* for improving ecosystem function
- *Planning, legislation and incentive schemes* relevant to forest restoration
- *Experimental design* and restoration trials
- *Restoration strategies* for degraded primary forest, secondary forest and agricultural land

#### 2009 Study dates, locations and assessment

- *Intensive teaching* over 10 days from 21 September to 2 October. The first set of lectures and practicals to be held at the Creswick Campus, followed by a two night field trip to north central Victoria (based at Dookie campus), and the final block of teaching at the Burnley Campus, Melbourne.
- *Study materials* available from mid-August via the Learning Management System (LMS).

#### Course co-ordinators

- Dr Lauren Bennett  
([ltb@unimelb.edu.au](mailto:ltb@unimelb.edu.au))
- Dr Steve Livesley  
([sjlive@unimelb.edu.au](mailto:sjlive@unimelb.edu.au))
- Dr Sabine Kasel  
([skasel@unimelb.edu.au](mailto:skasel@unimelb.edu.au))



Lauren, Steve and Sabine





## Teaching plan for 21 September - 2 October

- The first week of the subject is taught at the Creswick Campus just north of Ballarat. The next week starts with a 2.5-day field trip to north-central Victoria, based at Dookie (near Shepparton). The final three days will be taught at the Burnley Campus in Melbourne.
- Monday 21/9 to Fri 25/9/08 at Creswick – goals & priorities of forest landscape restoration; forest goods & services; legislation & planning; strategies & methods for restoring forests. A half-day field trip is the basis for a practical assignment involving virtual restoration of your own parcel of land.
- Sunday afternoon 27/9 to Tues 29/9 – field trip to north central Victoria including: assessment of remnant woodland quality; large-scale conversion of pine plantations to native forest; and restoration of woody vegetation on agricultural land.
- Wed 30/9 to Friday 2/10 at Burnley – restoration under climate change; carbon benefits of woody vegetation; restoring for fauna; grassland and minesite restoration; adaptive management; indicators of restoration success. Oral presentation by each student.

## Student costs, travel and accommodation

- Estimated accommodation costs (not including food) are \$85 at Creswick and \$80 at Dookie for the field trip. Students to arrange own accommodation in Melbourne.

## Enrolment options

- This subject is offered through the Master of Forest Ecosystem Science but is also available to students from other courses subject to their Course Coordinator's approval.
- The subject may also be taken as an individual subject through the University's Community Access Program (CAP). This may be in assessed or non-assessed mode. For further information see:

<http://www.unimelb.edu.au/community/access/>

## Further information

Information about this subject and the Master of Forest Ecosystem Science is available at:

<http://www.forests.unimelb.edu.au>

