

Mapping ecosystem services using InVEST

October 2013

Mapping ecosystem services at the landscape scale is central to many elements of the BESS programme and is a particular focus of WessexBESS and F3UES. The Directorate liaised with the Natural Capital Initiative group at Stanford (US), world leaders in the development and application of these approaches, to run a week-long workshop at CEH Wallingford to train BESS participants in the use of InVEST. Registration was opened beyond the BESS community to defray overall costs. The course was extremely successful, with about 70 attending the *Introduction to InVEST* first-day event, 35 of which took the full week training session. As a result of this workshop, BESS researchers, particularly those within WessexBESS and F3EUS, will be developing and using InVEST and related tools, as presented at the 2014 BESS Science Meeting (see website).

InVEST training course 14th - 18th October 2013, CEH Wallingford UK					
	14	15	16	17	18
	Day 1	Day 2	Day 3	Day 4	Day 5
9-10.30	9.30 registration. Welcome. 'Introduction to InVEST' workshop→ See separate agenda	Welcome. Participants- 2 minute presentations on own research Habitat quality (<i>Adrian</i>)	Seminar- The EIDC- a UK gateway for InVEST input data (<i>Rick Stuart, CEH</i>) Stakeholder engagement and data collection (<i>Emily & Spencer</i>)	Marine models- coastal vulnerability and protection, habitat risk (<i>Spencer</i>)	Hydropower production, water purification (nutrient retention) (<i>Adrian</i>)
10.30-11		Coffee break	Coffee break	Coffee break	Coffee break
11-12.30	Introduction to InVEST' workshop→ See separate agenda	Carbon storage and sequestration (<i>Kathryn</i>) Participants- 2 minute presentations on own research	Putting InVEST in Practice (<i>Adrian and Spencer</i>)	Guest presentation: Local Ecological footprinting tool (<i>Peter Long, Univ. Oxford</i>)	Seminar: Ecosystem assessments for Natural Capital Accounting (<i>Robin Smale, Natural Capital Committee</i>)
12.30-13:30		Lunch	Lunch	Lunch	Lunch
13:30-15:00	Introduction to InVEST' workshop→ See separate agenda	Sediment retention (<i>Adrian</i>)	Scenario development (<i>Emily and Adrian</i>)	Discussion session: Simple versus complex models (<i>Adrian to facilitate</i>)	Discussion session: Where next for ES modelling? (<i>Spencer to facilitate</i>)
15-15:30		Coffee break	Coffee break	Coffee break	Coffee break
15:30-17:30	Introduction to InVEST' workshop→ See separate agenda	Seminars- 1. What role for ES in delivering conservation? <i>Lynne Osgathorpe, RSPB</i> ; 2. Requirements from ecosystem mapping for UK and EU policy frameworks (<i>Matt Smith, JNCC</i>)	Batch processing (<i>Kathryn</i>) Seminar- Ecosystem services: stocks, flows and resilience (<i>Dave Raffaelli, BESS Directorate</i>)	Linking InVEST models (<i>Adrian and Spencer</i>) Seminar- Stimulating a community of InVEST model developers (<i>NCP</i>)	Networking and problem solving: Participants discuss own projects with each other and mentors. 16:30- Workshop closes
7pm		Social - dinner at Old Post Office Wallingford			