The Natural Capital Project is a new collaboration among 3 partners

The Nature Conservancy

WWF

Woods Institute for the Environment
Stanford University

Our first product
is a new tool
called ***InVEST:***

Integrated

Valuation of

Ecosystem

Services and

Tradeoffs

InVEST is a ***free*** software package that brings together

nature and economics

InVEST puts together data on the ***biophysical*** landscape, such as….

Landuse

Soil type

Topography

With data on the ***human*** landscape, such as….

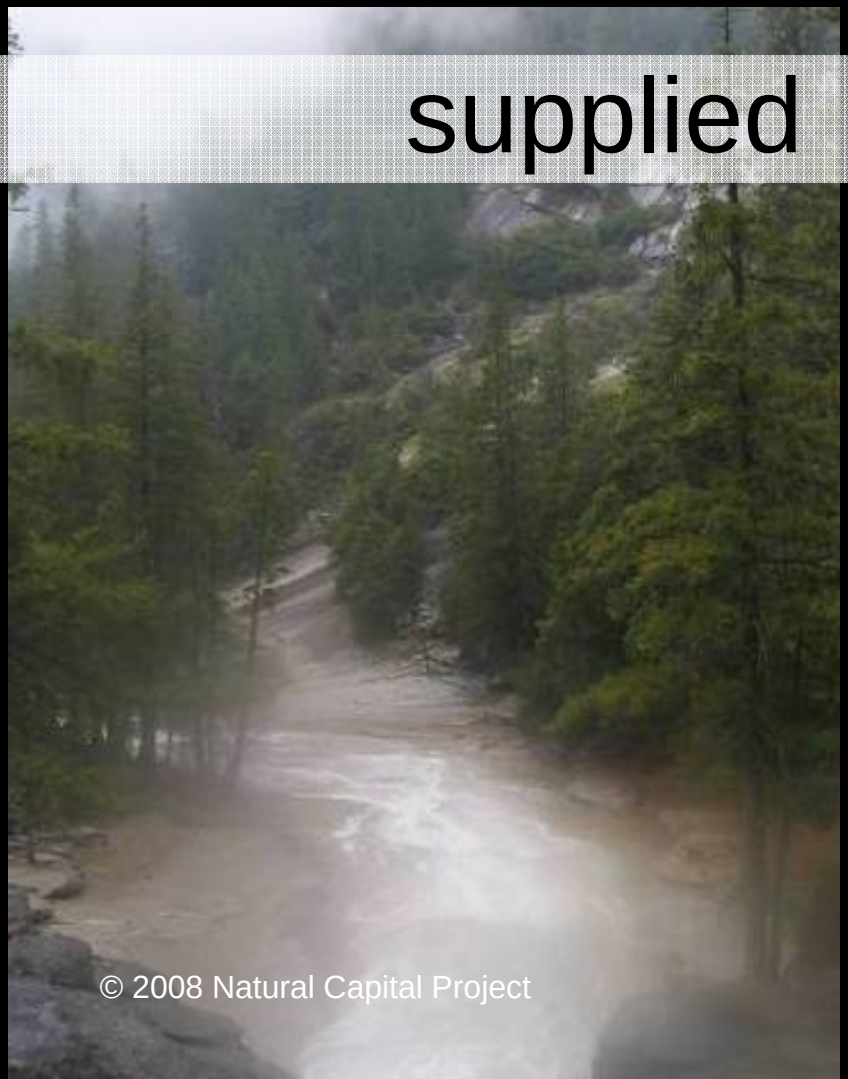
Roads

Cities

Infrastructure

To predict ***how much*** ecosystem service will be

supplied and demanded



InVEST 1.0 Beta can map

Biodiversity

Water pollution regulation

Carbon sequestration

Managed timber production

Crop pollination

Avoided reservoir sedimentation

The next version of InVEST will add

Tourism and recreation

Agricultural production

Flood mitigation

Hydropower production

Irrigation

Open access products

You can download
InVEST 1.0 Beta today

at

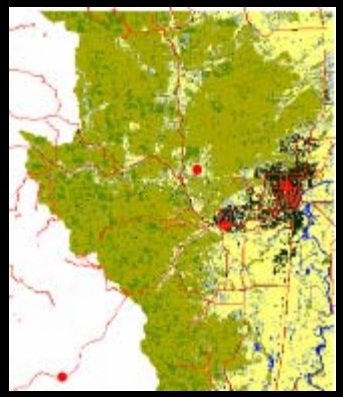
http://invest.ecoinformatics.org

You will get a set of ArcGIS 9.2 toolboxes to install on your computer.

The program comes with…


InVEST 1.0 Beta User's Guide:
Integrated Valuation of Ecosystem Services and Tradeoffs

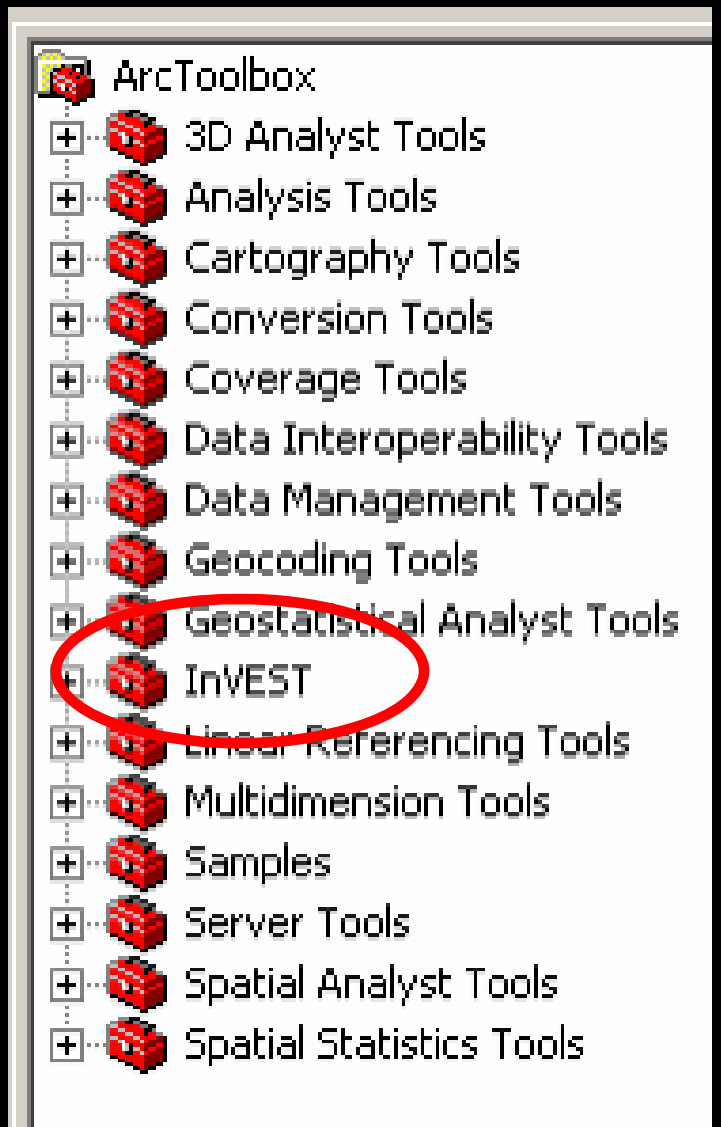
A detailed user's guide



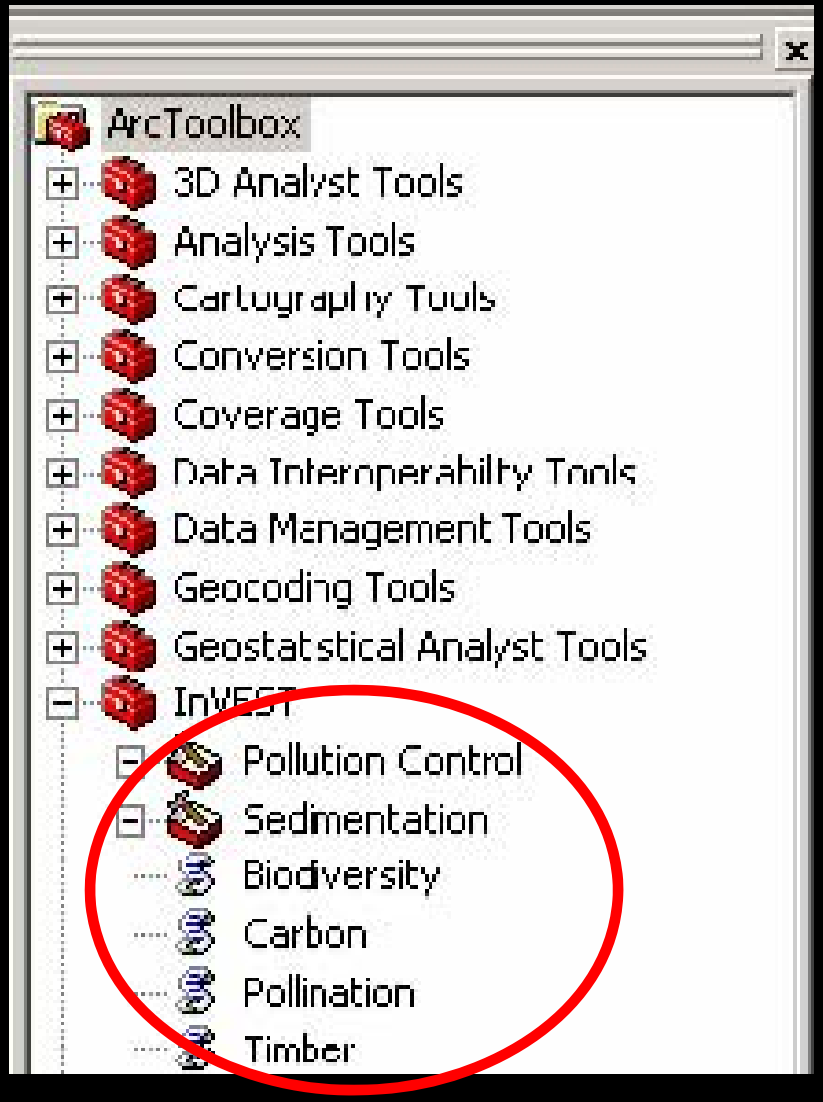
A sample data set and

Online technical support

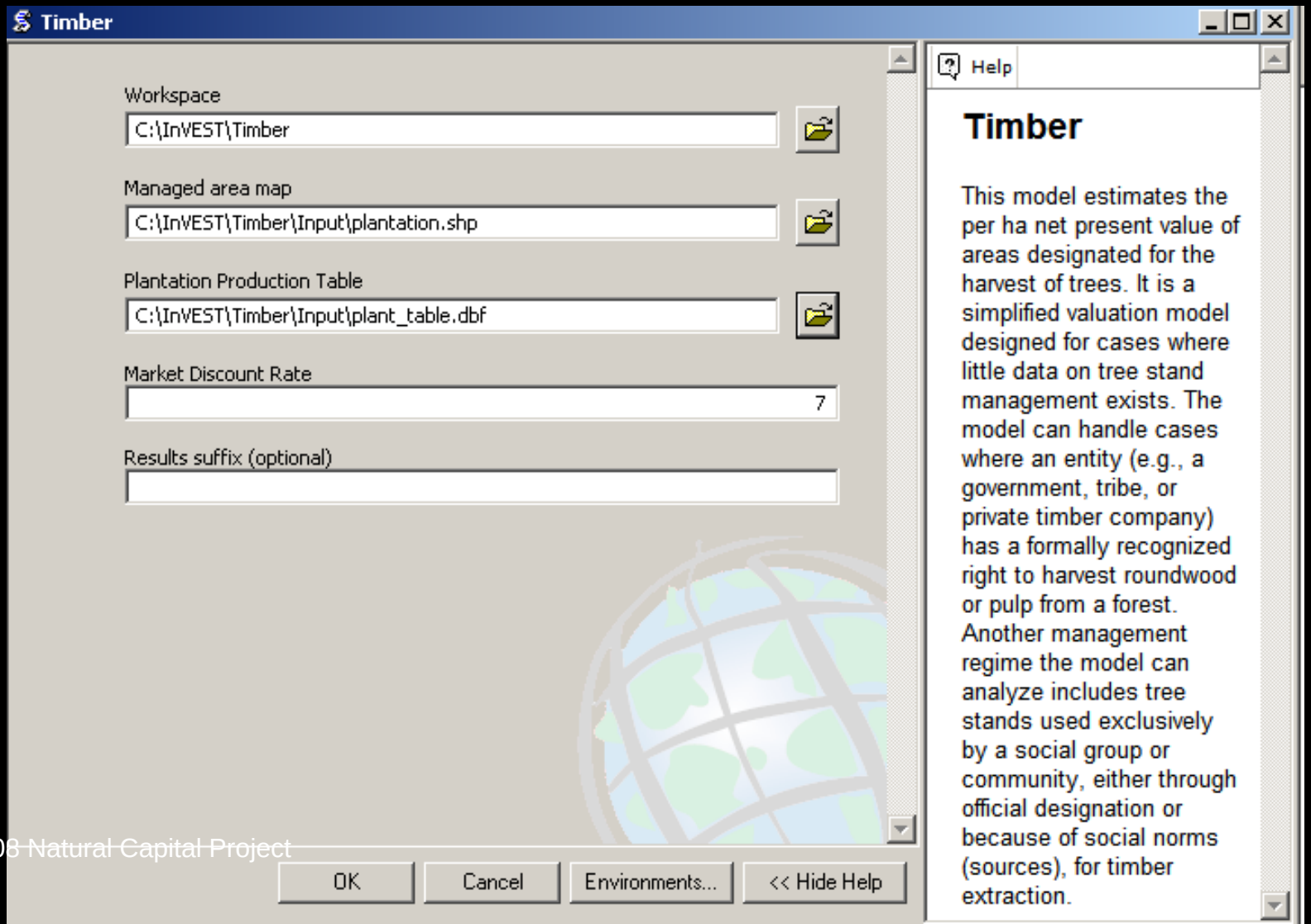
Once installed, InVEST will appear as an ArcToolbox



Each ecosystem service has its own script

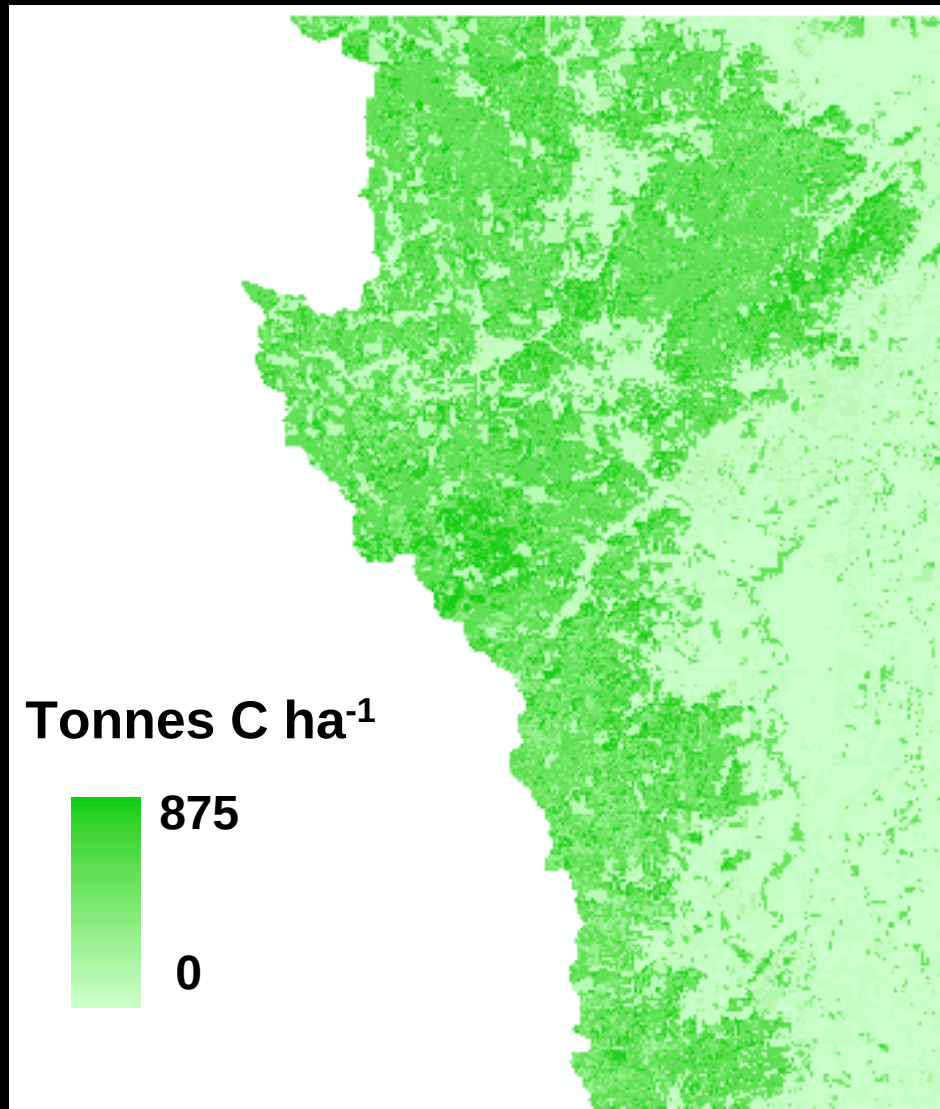


Each script opens an interface where you can easily enter your data



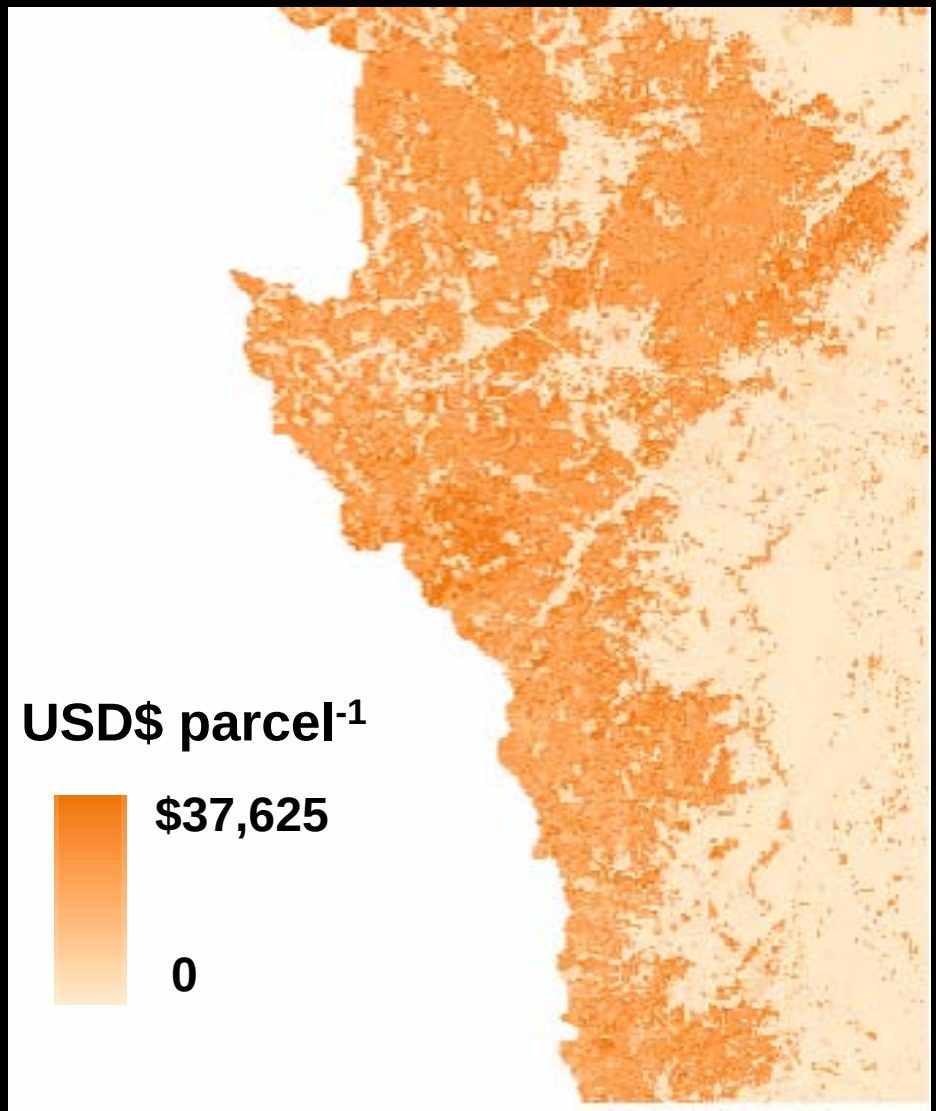
Run a script and you will get a map of your ecosystem service of interest

In ***biophysical*** terms, such as this map of carbon storage in tonnes per hectare



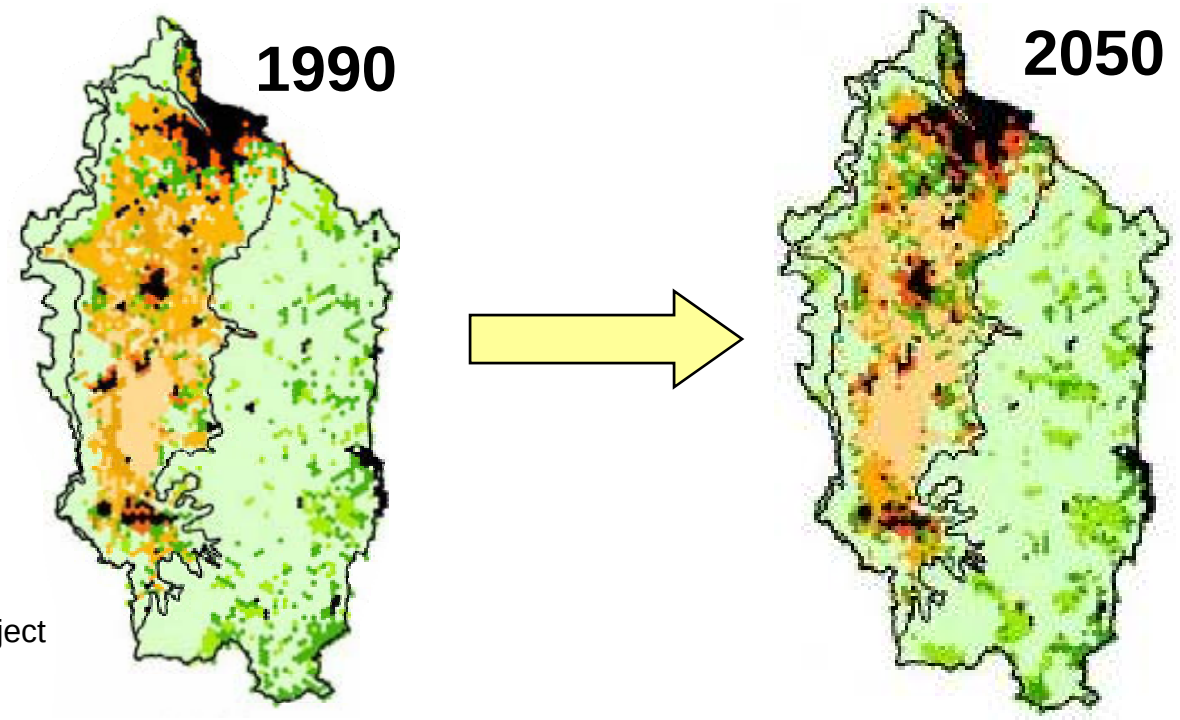
Run a script and you will get a map of your ecosystem service of interest

Or in ***economic*** terms, such as this map of the Net Present Value of carbon in US Dollars

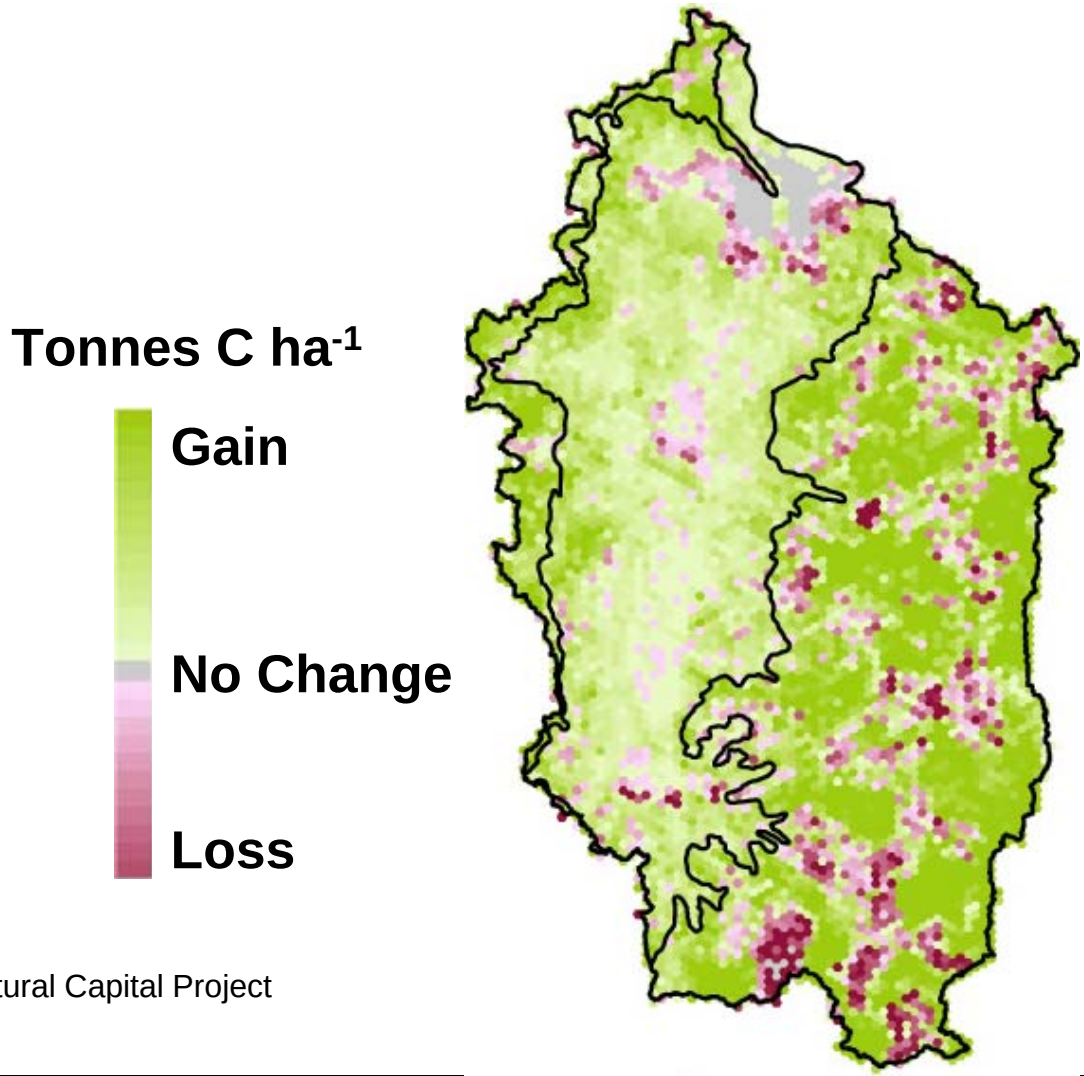


You can run the models again with a possible future landscape to see how services will change

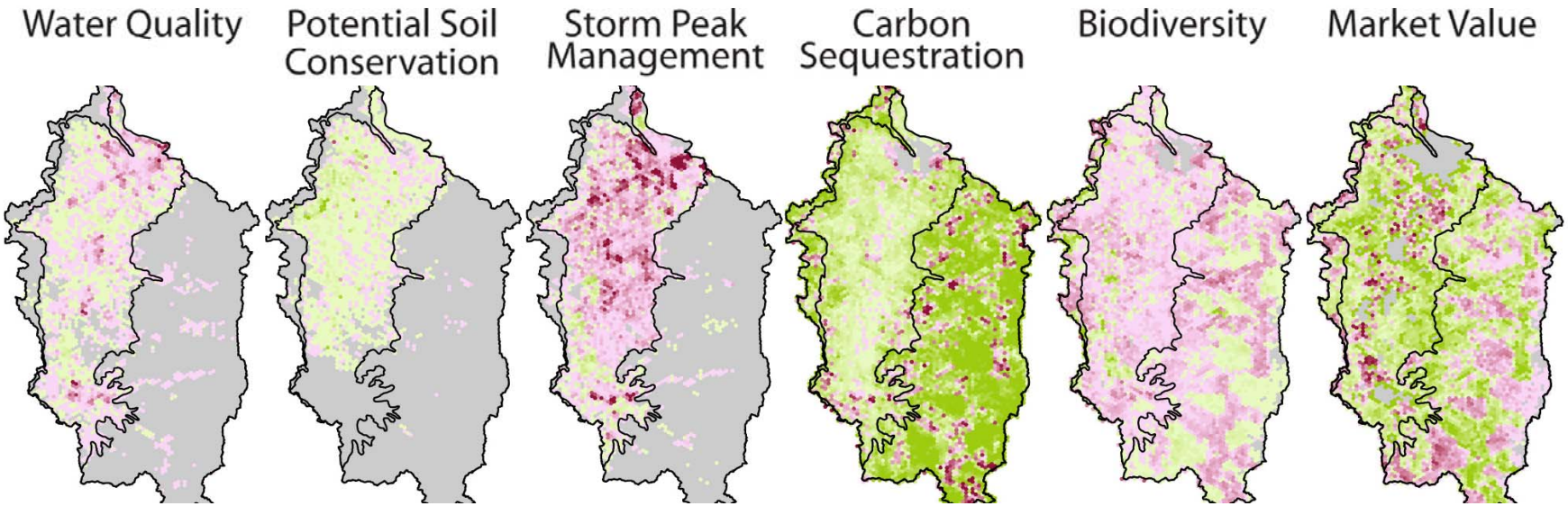
Here's an example from Oregon
Showing development over the next 50 years.



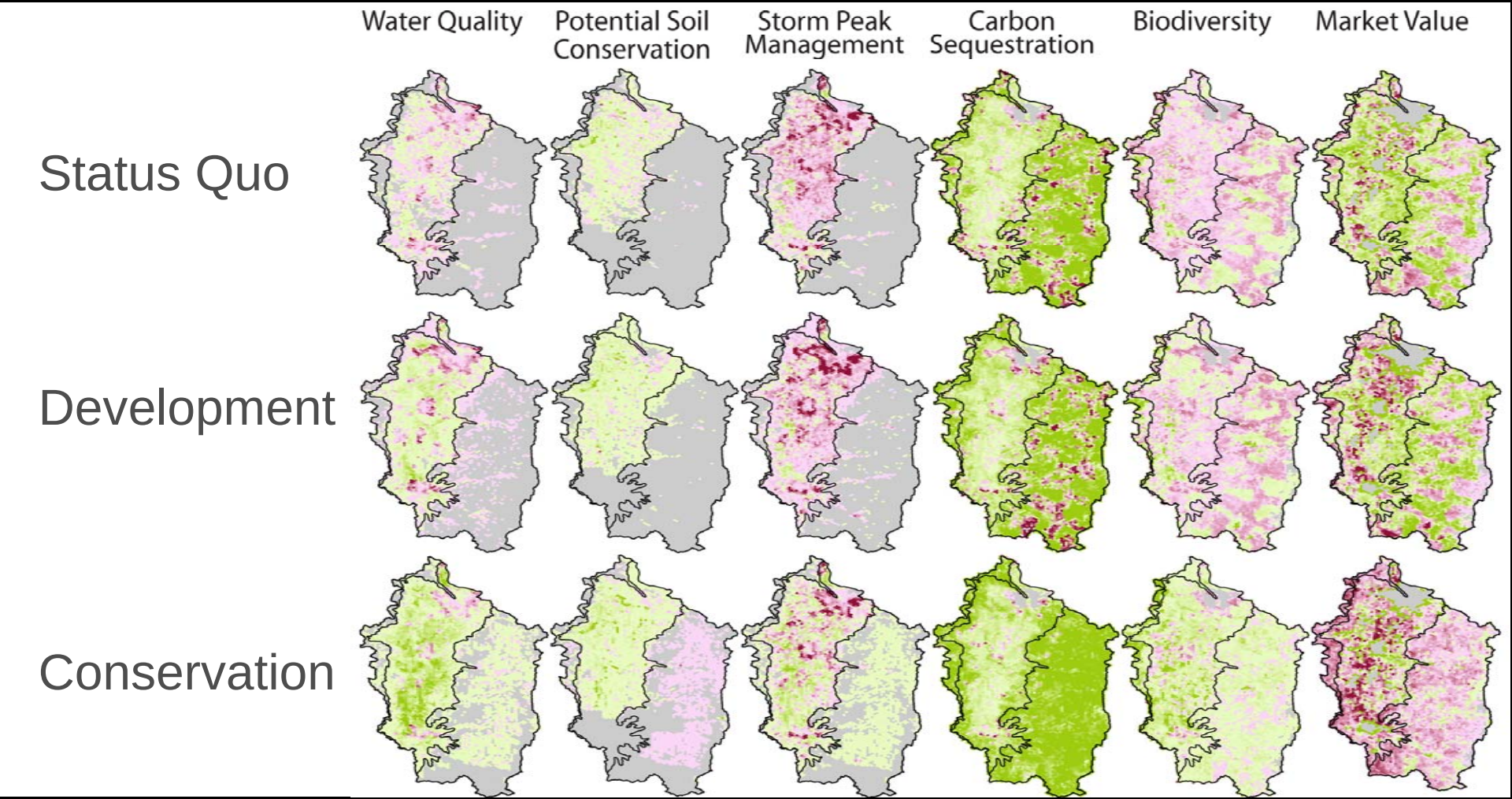
This map shows how carbon storage will change across the landscape



Maps of changes in multiple services can be viewed to reveal tradeoffs



And multiple scenarios can be lined up to find the best options for the future



InVEST is being applied around the globe to answer diverse questions

See our other demo for one example of how InVEST is helping mainstream conservation