Measuring Progress in the Conservation of Freshwater Biodiversity

October 8-13, 2006 Kruger National Park, South Africa

house the series and





- Donor requirements
- Country commitments (e.g. 2010 targets, COP 7 PAs)
- Organizational targets (TNC's ten year goal)



Today's presentations

- Setting the context what measures are we focusing on?
- Global/ Major Habitat Type Tim (terrestrial systems)
- Global/ Major Habitat Type- Carmen/Jamie
- Ecoregion Jonathan
- Site/Project level Harry (KNP)



Conservancy S Are we losing ground?

10:1

8:1

6:1

5:1

4:1

2:1

2:1

3:2

2:3

1:2

1:2

1:4

1:40

30 me area

% Habitat lost



% Habitat protected



45.8 Temperate grasslands, savannas & shrublands	4.6
41.4 Mediterranean forests, woodlands & scrub	5.0
48.5 Tropical/subtropical dry broadleaf forests	7.6
46.6 Temperate broadleaf & mixed forests	9.8
27.3 Tropical/subtropical coniferous forests	6.7
32.2 Tropical/subtropical moist broadleaf forests	16.0
23.6 Tropical/subtropical grasslands, savannas & shrublands	11.9
26.6 Flooded grasslands & savannas	18.1
6.8 Deserts & xeric shrublands	9.9
12.7 Montane grasslands & shrublands	24.7
12.6 Temperate conifer forests	26.3
2.4 Boreal forests/taiga	8.9
0.4 Tundra	16.0
) 30 20 10 Percent of biome area	10 20 Percent of bi

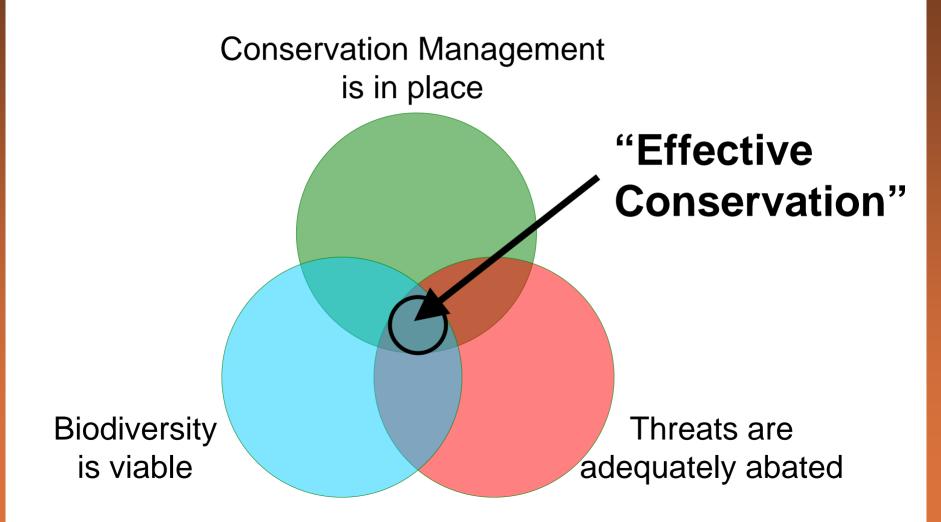


TNC's 2015 Goal

By 2015 The Nature Conservancy will work with others to ensure the <u>effective conservation of places that</u> <u>represent at least 10%</u> of every major habitat type on Earth

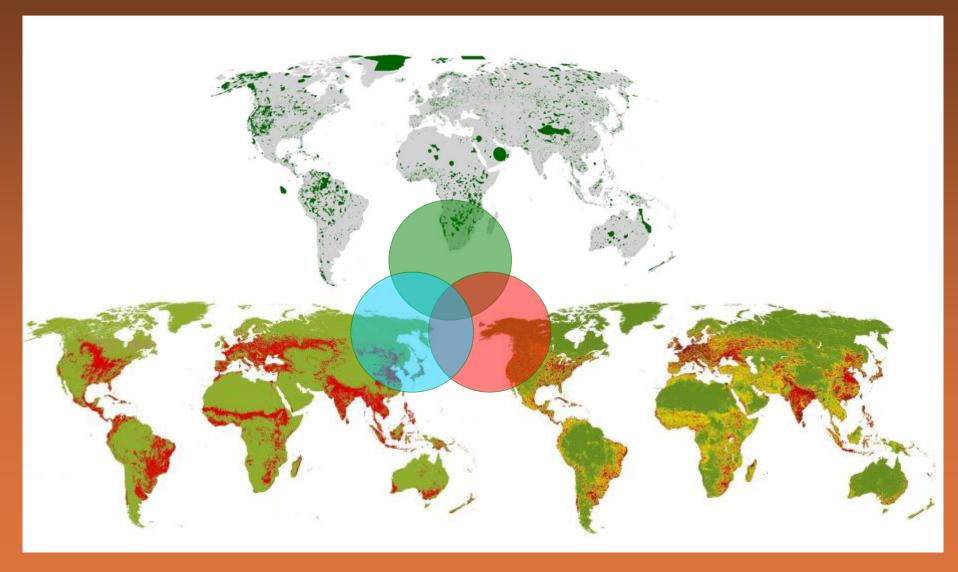


Effective Conservation





Global Estimates of Effective Conservation





Questions for the group

 What does 10% mean in freshwaters? (area?, river length?)

- What is a suitable way to measure how much freshwater biodiversity is effectively conserved?
- Can we use PAs as a measure?
- What are suitable measures within a protected area?
- What about an ecoregion?
- How can individual site/project/National park measures be rolled up into ecoregional, regional or global measures?