Thinking Scenarically in Your Day Job

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By now....

• You know that climate change is happening
• You know that you need to be thinking about it in relation to your work
• You know where to get basic climate information

What more is there to say?
How do you operationalize it?

• Methodically
Five Tenets of Adaptation
1) Protect adequately & appropriately for a changing world

**Spatial Considerations Require Temporal/Climate Aware Thinking**

- Refugia
- Gradients
- Heterogeneity
- Connectivity
2) Reduce non-climate stresses

- Fire & Fire Suppression
- Invasives, Pest & Disease
- Unsustainable Harvest
- Agriculture & Habitat Fragmentation
- Pollution & Habitat Degradation
3) Manage for Uncertainty
4) Reduce local & regional climate change
5) Reduce Rate & Extent of Global Climate Change

Some systems & goals have fewer adaptation options:
- Polar habitat
- High elevation habitat
- Oceans
How do you operationalize it?

• Methodically
• Iterative/continuous
Scanning the Conservation Horizon
A Guide to Climate Change Vulnerability Assessment

Impacts of Climate Change on Biodiversity, Ecosystems, and Ecosystem Services
Technical Input to the 2013 National Climate Assessment

July 2012

Recommended Citation for overall document:
Available at: http://assessment.globalchange.gov

Scenario Planning
Expert Elicitation
Modeling
Adaptation Ladder of Engagement

1. Awareness
2. Assessment
3. Planning
4. Implementation
5. Monitoring
6. Integration
7. Sharing
Hansen et al. 2013. The State of Adaptation in the United States
How do you operationalize it?

- Methodically
- Iterative/continuous
- Intuitively
How do you operationalize it?

• Methodically
• Iterative/continuous
• Intuitively
• Creatively
Does a skateboard company have a better adaptation plan than you?
Going forward

Consider what will remind you to incorporate climate change?

Then make it happen.
Thank you

If climate change adaptation fascinates you, check out the National Adaptation Forum

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Or contact me to chat:
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<th>Scenarios</th>
<th>Climate Complacency</th>
<th>Colorado Bounce</th>
<th>Race to Refuge</th>
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Is your goal still feasible under each scenario?  
What would you do differently under each scenario?  
What can you do regardless of scenario?  
Can you tell which scenario or aspects are happening?  
How can you tell if what you are doing is working?