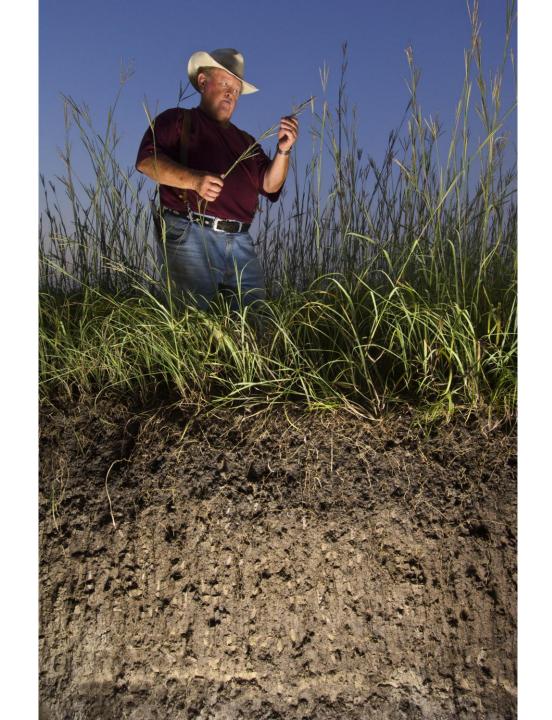
#### PLANETARY HEALING

Buckminster Fuller's Comprehensive & Participatory Design John Todd, Ph.D. NESEA Conference, March 5, 2015









## The Crisis in Appalachia

Mountain Top Removal, Valley Fill Coal Mining & Massive Soil Loss





## On top of the mountain



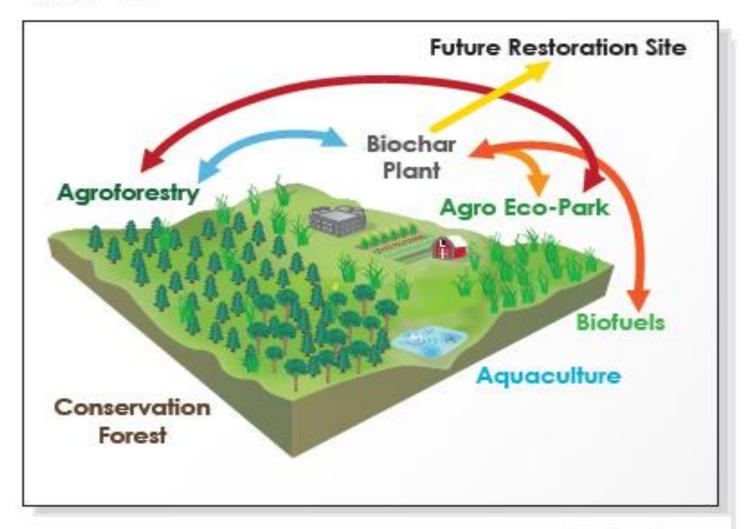
#### Conventional Reclamation: No Soil Building



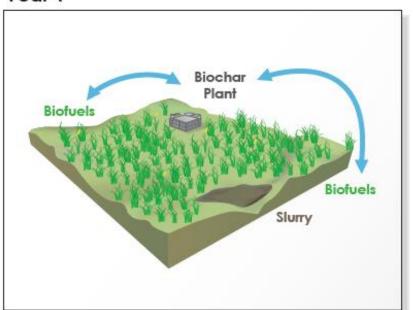
#### Ecological Soil Creation With Fungi, Charcoal & Native Perennial Grasses



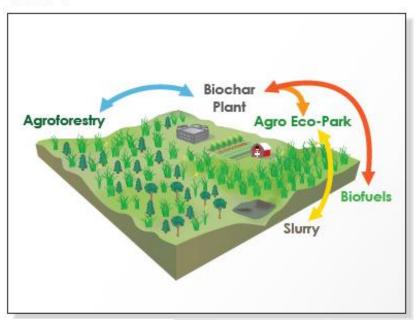
# A New Regenerative Economy Year 16



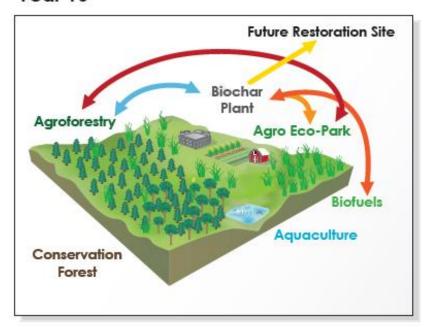
Year 1



Year 8



Year 16



**Audrey Barnes** 









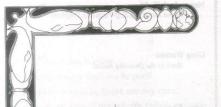




# Institutional Ecology & Succession: Change as an Underlying Force



INSTITUTION AL SH CC ESSION THE COEVOLVING LANDSCAPE CHANGE JA KIOIZNSMIG LAND OWNERSHIP TRANS FER "THE NEW HOMESTEAD ACT TRUSTS NEW CORPORATIONS rath partition is b ACHDEMIC R+D ENTRE PRENEURS LAND ACQUIRING TRUSTS Philan Thropy Governments STAGE 4 STAGE STAGE

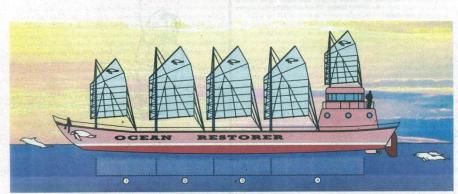


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