

Workshop Objectives and Background

Virginia Dale
On behalf Organizing Committee

Land Use Change and Bioenergy Workshop

Vonore ,Tennessee , USA

May 11-14, 2009



Need to consider the "beginning to end" costs and benefits of bioenergy use

Feedstock transport



Feedstock conversion



Fermentation production



Ethanol & Chemicals

Separation



Downstream markets



Oil

Sustainability gap

Feedstock harvest



Feedstock production



Questions regarding land changes and bioenergy

- **Causality**

- How does bioenergy affect land?
- How to quantify attribution compared to reference case?

- **Scale**

- **Space**

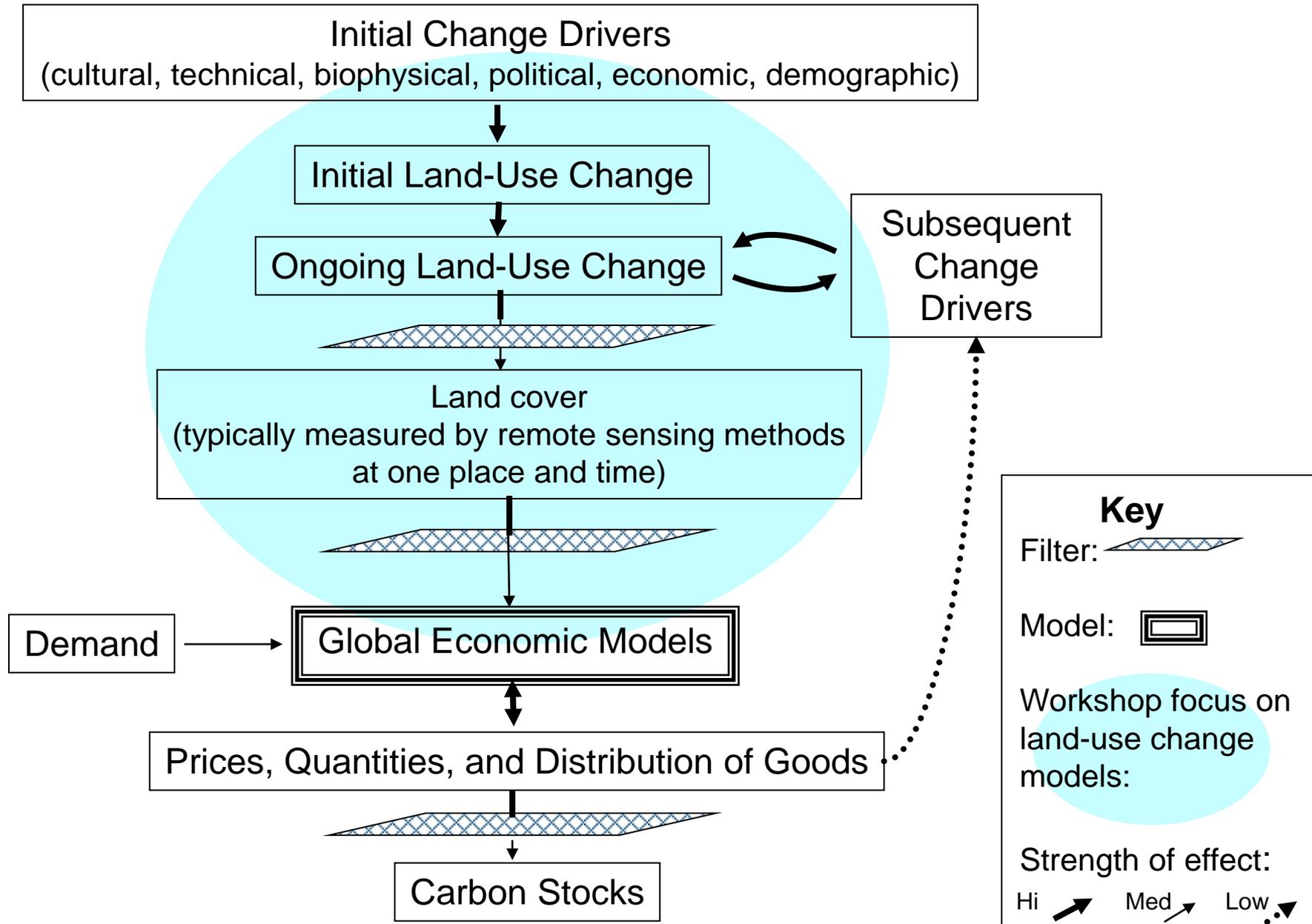
- Land-use changes occur due to local or regional pressures
- Need understanding of pressures at global scale

- **Time**

- How will patterns vary by time?



FOCUS OF LAND-USE CHANGE AND BIOENERGY WORKSHOP



Thank you for help in the workshop planning

Organizing Committee

- Virginia Dale
- Rebecca Efroymson
- Alison Goss Eng
- Keith Kline
- Zia Haq

Workshop Staff

- Dan Fishman
- Lana McDonald
- Fred O'Hara
- Seema Patel
- Becky Rumbaugh
- Phyllis Young

- Norma Cardwell
- Laura Marie Chavez-Becker
- Helena Chum
- Douglas N. Collins
- Jean Eubanks
- Robin Graham
- Sam Jackson
- Gary Jacobs
- Bruce Johnston
- Joshua Kirby
- Debo Oladosu
- Michael S. Pung
- Eli Riboll
- Angelia Smiddy
- Ed Stanford
- Stan Wullschleger



Facilitator

- Gary Forbes

Many Others

- Connie Arnwine
- Latha Baskaran
- Tammy Beaty
- Budhu Bhaduri



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Thanks to all of the workshop participants

- **Relevant presentations**
- **Contributions to workshop report**

Information on Web site for Land-Use Change and Bioenergy Workshop

- **Public information about the workshop:**
<http://www.ornl.gov/sci/besd/cbes.shtml>
- **The internal web site for the workshop:**
<http://landuse.govtools.us>
 - **Your login username and password are first initial last name (unless you have changed your password).**
 - **This site is used to post resources to be shared by the group**

