

*Module No. 3: Environmental & Health Impact of Energy  
Use*

*No. of weeks / credits 3*

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## **Week 1**

- Introduction
- Classifying the Impacts of Energy Use: By Source, By Pollutant, By Scale
- *Household-scale Impacts*
- *Workplace-scale Impacts*: Biomass Harvesting and Forestry
- Hydro and Wind Power, Coal, Oil and Gas, Nuclear Power
- *Community-scale Impacts*: Urban Air Pollution in Developed Countries, Urban Air Pollution in Developing Countries, Community Impacts of Hydroelectricity.
- *Regional-scale Impacts*: Acid Deposition, Public Impacts of Nuclear Power.
- *Global-scale Impacts*: Global Climate Change
- The Consequences of Climate Change

## **Week 2 & 3**

- Accidents and Risk
- Comparing the Impacts of Electricity Generating Systems
- Comparing the External Costs of Electricity Generating Systems
- Summary and Conclusions