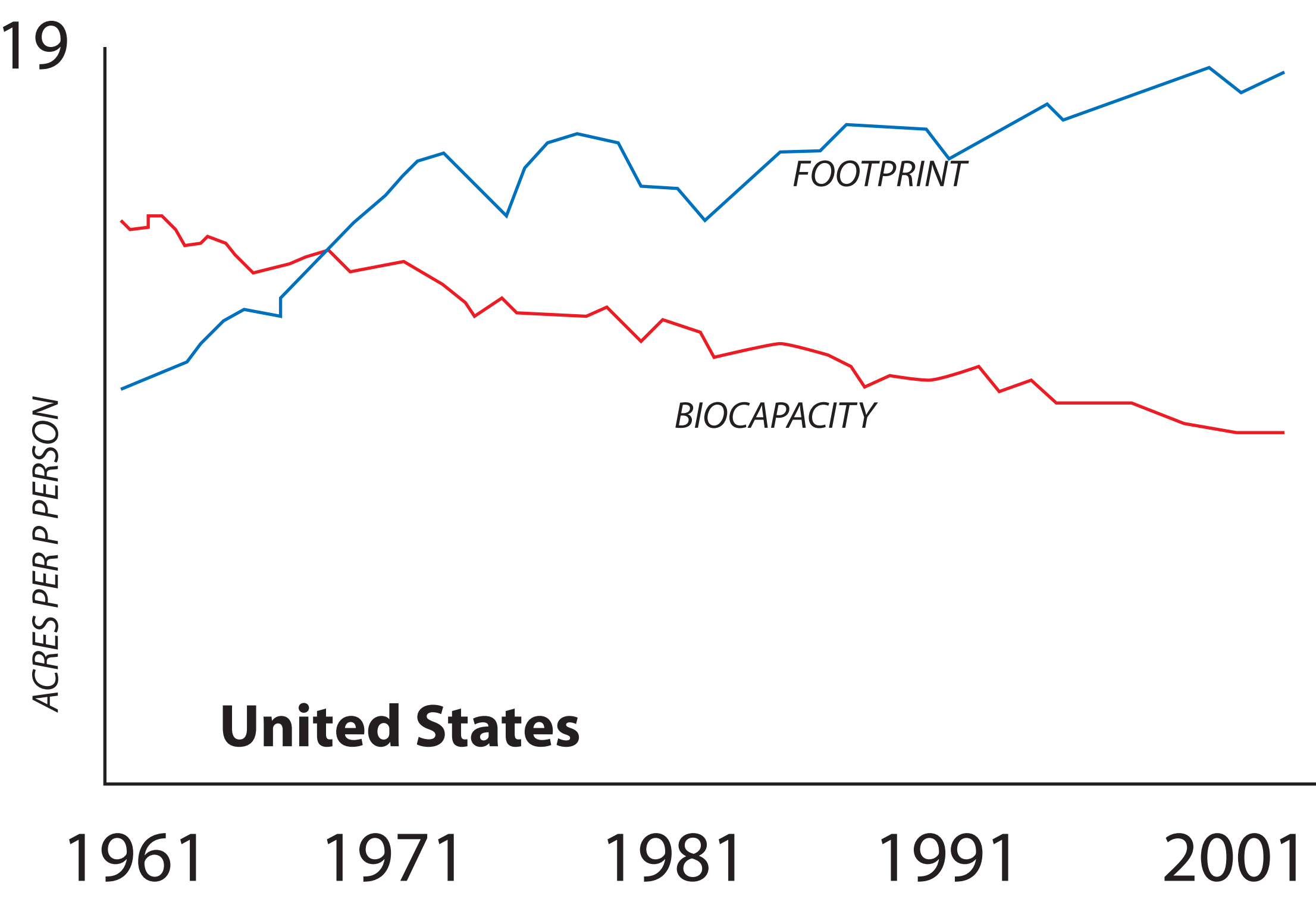
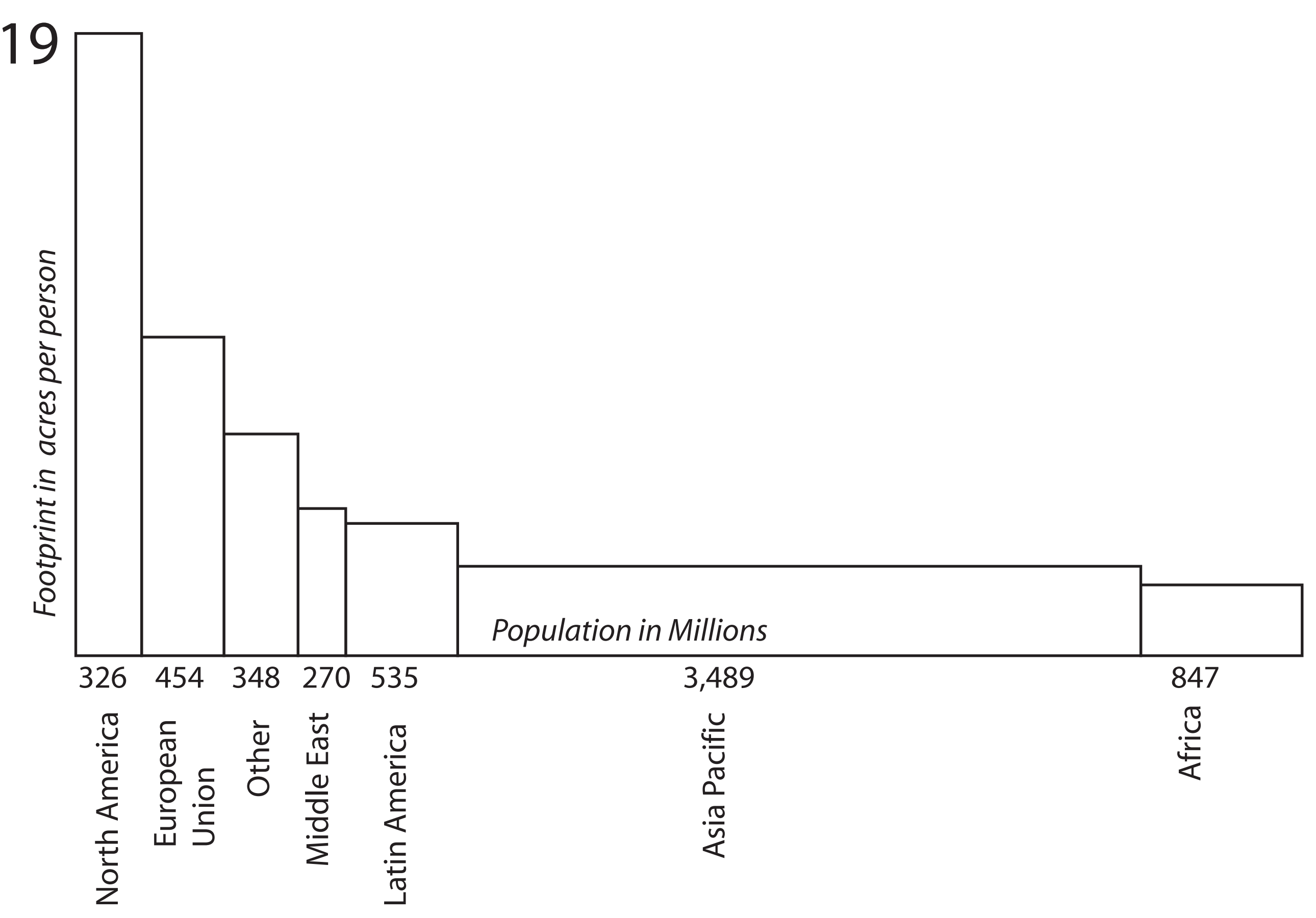
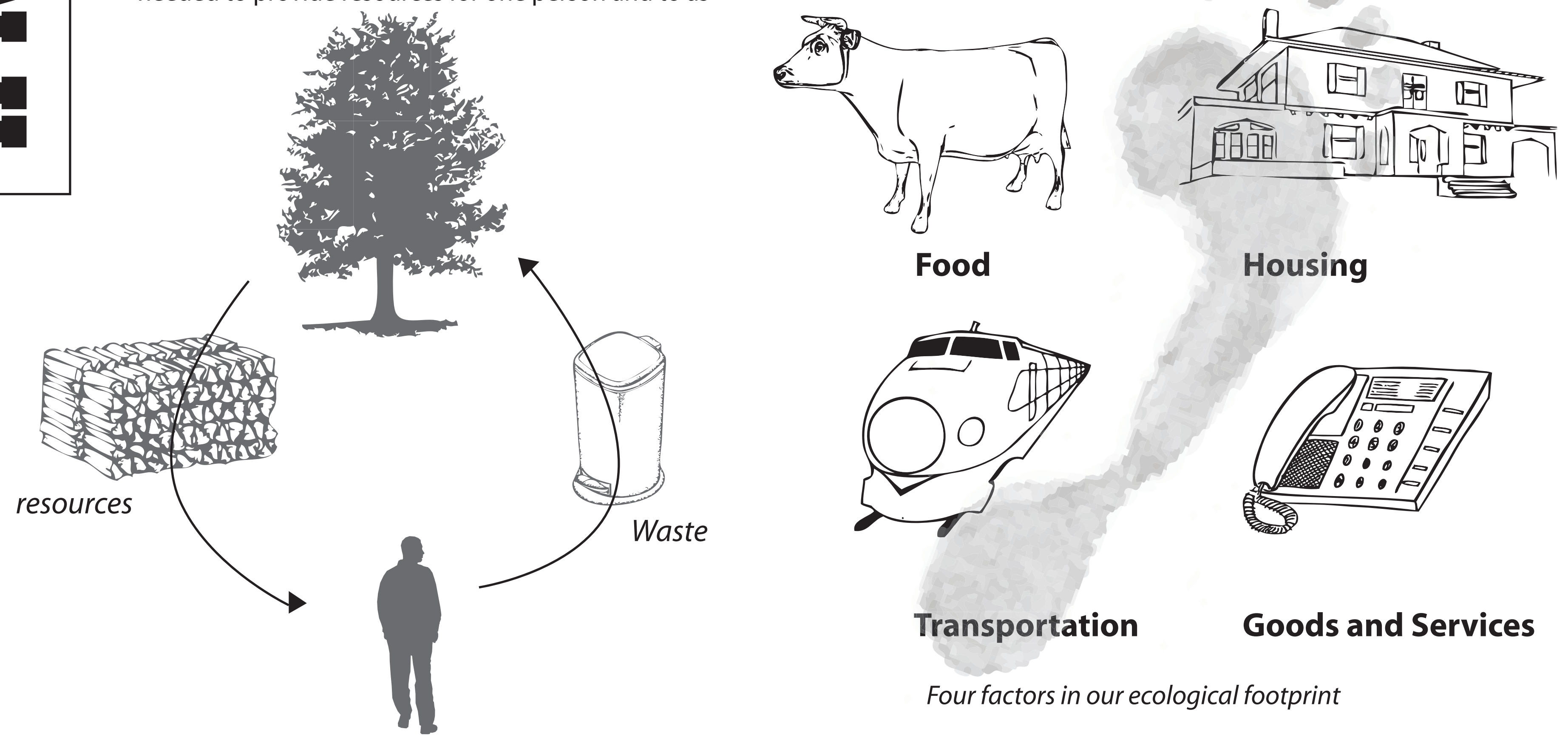


OUR ENERGY FUTURE

The objective of this IPRO is to create a portable education teaching system that will increase awareness of energy issues in the community. This teaching system will include an activity based, interactive, multimedia presentation. This will be a long term, on-going service project that will consist of one main module which will extend over following semesters.

Your ecological footprint

The area of ecologically productive land and water needed to provide resources for one person and to as-



THE PROBLEM

Program Sub-Team

Andrew Martin

- Team Leader/ Program team leader
- Agenda management
- Design of De LaSalle presentation
- Construction of grant proposal
- IPRO presentation design

Kurt Ziegel

- School curriculum research
- Presentation design
- Product research
- Tech. Research
- Construction of ecological footprint module

Sasha Romanova Smith

- Meeting minutes
- Web site design
- Presentation design
- Program management
- Design of ecological footprint module

Mike Lagiglio

- Teacher interviews
- Web site design
- Teaching research
- Program management
- Analysis of De LaSalle feedback

Subject Matter Sub-Team

Tony Osborn

- Time sheet management
- Schedule monitor
- Precedent surveys
- Objectivity filters
- Project plan construction
- Grant proposal design

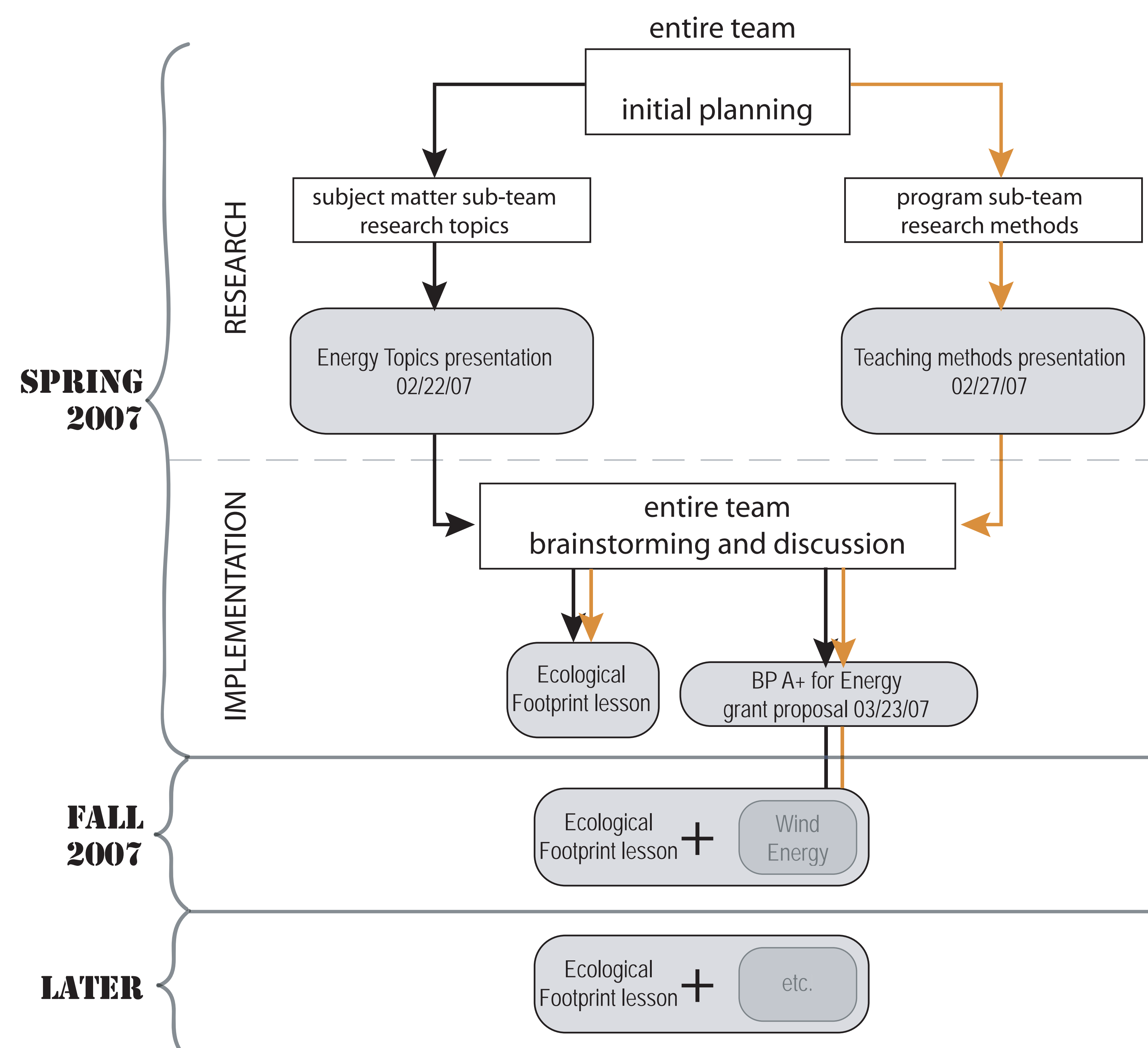
Sara Pfau

- Subject team leader
- Schedule monitor
- Topic research
- Summary of energy topics
- Grant proposal design
- Design of IPRO day presentation

Sarah Leingang

- Theme categorization
- Survey design
- Ecological footprint research
- Grant proposal budget
- Wind turbine research
- IPRO day presentation

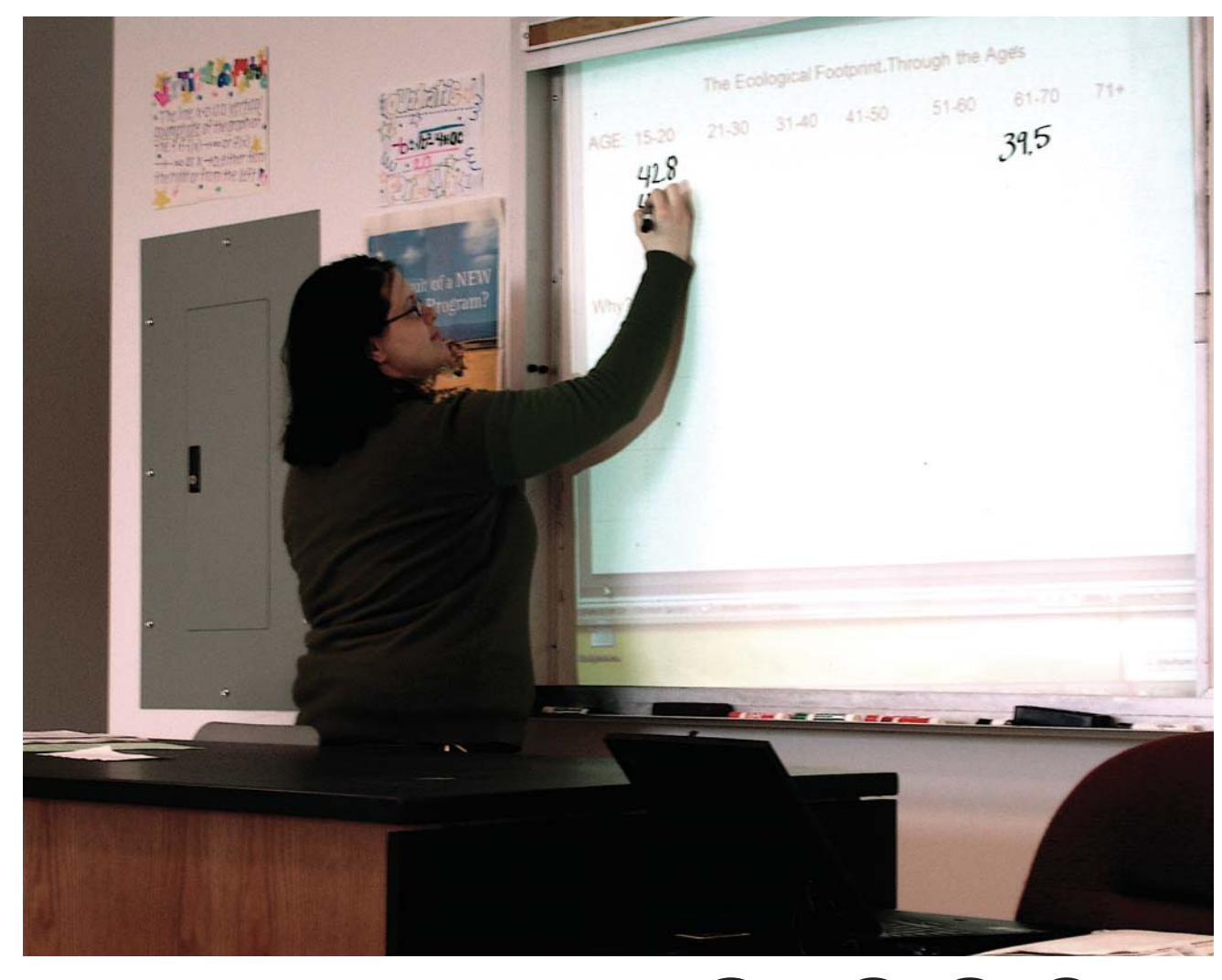
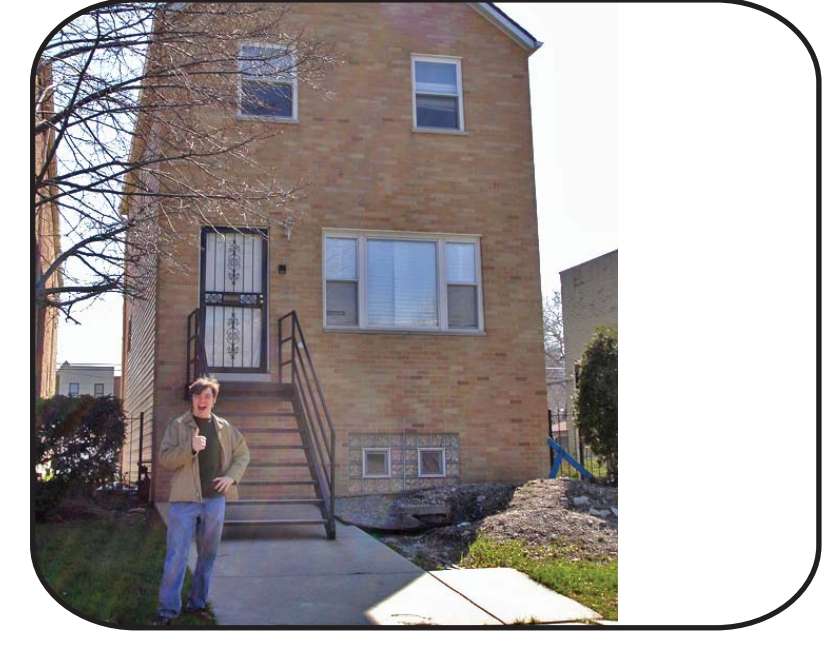
THE SOLUTION



De LaSalle Presentation

Day 1: Introduction to the Ecological Footprint, Discussion Starters, Pre-Test, Lecture, Calculate Individual Footprint, Activity (discuss energy in processing, use, waste)

Day 2: Comparing Ecological Footprint sizes, Discussion Starters, Quick Review, Video, Comparisons Activity, Evaluations



De LaSalle Grant Proposal

Proposal submitted March 26:
 Fall 2007 "Wind Energy" Module
 Install a wind turbine on the roof of De La Salle High School
 Track energy production
 Report back to class in terms of "Ecological Footprint"
 Expanded Goals:
 Student Leadership
 Long-term Planning
 Bigger, Better Tools
 Closer Relationship with De LaSalle High School



IPRO 332 De LaSalle

Fall 2007

