Economics 358: Environmental Economics

Summer 2005                                Instructor: Makena Coffman
M-F 11-12:15                                email: makenaka@hawaii.edu

Overview: Economic solution to local and international environmental degradation. Topics include valuing the environment, global climate change, energy, fisheries, forestry, water, biodiversity, and sustainability.

Prerequisites: Econ 120, 130, 131, or consent. Understanding of basic algebra.


Grading:  Midterm 30%  7/20/05
          Final 30%  8/12/05
          Presentation 10%  TBA
          Paper 30%  8/5/05

Participation in class is expected. Reading course material and preparing practice problems are to be done prior to class discussion. Practice problems are intended to prepare you for examinations so they are to be taken seriously. Paper consists of either a literature review or thesis of related course topic.

Please arrange your schedule accordingly. No makeup exams will be given unless arranged prior to the first day of instruction.

Tentative Course Schedule:

   Chapters 2, 3, 4, supplemental readings
II.-III. Sustainable Development, the Population Problem, Induced Innovation (agriculture) and Natural Resources
   Chapters 1, 5, 6, 7, 11, supplemental readings
Midterm
III.-IV. Energy, Water, Forests, Fisheries
   Chapters 8, 10, 12, 13
V. Resource Scarcity, Pollution Control (local and transboundary)
   Chapters 14, 15, 16, 17, 18
Papers Due
VI. Development, Trade, and the Environment
   Chapters 22, 23, 24, supplemental readings
Final
Syllabus subject to change