Ec. 143: Outline, Planning

Sequence.

Basic mgmt. analysis.

1. Green Bk. 5 - 14, Basic Assumptions

HD 1694 A5 H57 1969 → Hirsh. 114 - 51, Impt. in All wtr. supplies.

J & L 161 - 81

2. Seabe & Ludwig.

Krutilla 52 - 77

J & L 105 - 17

3. Impacts on the total system: I

Green Book 15 - 38, Msmnt

4 System II: 2dry benefits; total community

Huffman, 122 - 48.

McWms.

183 - 204, Water wtr wtr.

205 - 26 Citrus Belt

150 - 56 Dev. of Inland Empire

Green Bk. 39 - 52 2dry Bens.

5. System III: Effect of land concn.

Gold Schmidt 186 - 220

Land Survey, 29 - 53

Nader

6. Dynamics

J & L 181 - 92

197 - 223

Water, Rdgs.

C. McWms., S.C. ~~Ch. X~~, Water x3
~~XI~~ The Citrus Belt
~~XII~~ pp. 150-56

1950 Green Bk (not 1958) ~~pp. 5-14~~, Basic Uss.s.
~~15-38~~ Measurement
~~39-52~~, Primary & 2dry Bens.

Landownership Survey
~~pp. 29-53~~

Huffman 33-56 Wtr Rts.
~~pp. 122-48~~ Land. use -- re 2dry benefits, system analysis.

Goldschmidt, As You Sow
pp. 186-220, Riparian v. Appr.

~~Krutilla~~ + Eckstein, Multiple Purpose River Dev.
pp. 52-77. (on interdependence + indivisibility, but w/o 2dry bens.)

Hirshleifer,

Chap. VI: "Investment in Al Water Supplies"
~~pp. 114 - 51.~~

The pure gospel by Sv. Milton.
Vs. Green Book on 2dy benes, cons. surplus etc.
Covers much interesting stuff — a springboard.

pp. 222 - 54 Water Law
pp. 289 - 356 " for S. Cal.

James & Lee

pp. ~~105~~ - 111 Adjustments required by imperfect mkts.
~~111~~ - 119 " " " multiple goals
149 - 53 Water Law
~~161~~ - 81 B/C Anal. including 2dy benes (which are dismissed)
181 - 92 B/C Variations
197 - 225 Dynamics.

Bain et al → Ref. only.

Cal. Wtr. Atlas

Kahrl,

Topics, Summary

1. Water. / / / / /
2. Exhaustion, energy / / / /
3. Adm. of public lands, + leasing / / / /
4. Renewable energy; alt. energy; efficient use / / / /
5. Misc

   Timber + Oil, exh. vs. renewable

   Fish 11

   agric.

   Urban vs. agric.

   Environment

Topics, Ec. 143

1. Robert Hoeffler
   PNW
   Timber } Exh. vs. renewable
   Oil }
   Water N vs. S in Cal.
   Fish
   Farm soil – pvt. vs. fed.
   adm. of Fed. land.
   Tired of polln.

2 Greg Bridenstine
   Exhaustible, esp. energy
   Uranium > compn.
   Food
   Exhaustion of renewables
   Reducing use

3. Anon.
   Mgmt. of exhaustibles

4. Anon
   Everything

5. Dave Holt

Privatization – oil
Water: Colo. compm.; S.C. supply.
Alt. energy

6. Anon.

Water
Energy

7. Anon.

Water – legal
pollution of groundwater (P. Neumann)
Wat – leasing OCS
Fish
Recrn.

8. David Hyde

Recyclable energy – MHD, Fusion, H
Mkt effic. in resource alloca.

9. Sandra Villanueva

Solar, wind, geothermal
Effects of reclamation
Environmental

10. Mary Yang
Limits to Growth
Groundwater

Robert Hoffer

I would not only like to stick to just the U.S. but also to the west coast. More specifically the Pacific North west and the natural resources this land has to offer. These resources could include:

timber, oil (exhaustible and inexhaustible resources)
fish, water (northern vs southern Cal.)
minerals both on and off shore
farm land in private hands vs. federal land use

I would like to learn about the use of such things and that which effects [redacted] their use. I get so tired of talking about pollution that I would like to deal with the uses.

We might even get into stats of federal land and how they determine how such lands will be used.

Greg Bridenstine
Econ. 143

Desired Topics

Limits to growth

My main interest would be about "exhaustable resources" such as those used in producing energy. (e.g. oil, coal, gas) Since we are heavily dependent on the use of these for our daily lives and for industry and since our demand for energy will continue to increase in the future, I feel this would be the most important topic.

Other resources in this category that I feel are important to study would be the urban area that is quickly being used up by our expanding population. We will eventually reach a point where there is not enough room for everybody to survive. Also, the food supply is very important since increasing populations require both room for living and food to survive. As the population expands it can take up space where food can be grown and, at the same time, increase the demand for food. This compounds the problem of meeting the demand for food.

Since we can use up resources like timber, livestock or ocean life faster than they can be replenished, there become other important topics.

All of the above topics pose the problem of increasing need and decreasing availability, so I feel that we need to examine how to

more efficiently use what we have
now and how to develop new, alternate
resources for those we are exhausting

I would like to learn models of fuels management under which the natural resources are believed to be exhaustible, and the application of these models to achieve economical analysis in business areas.

Farm land
Water
air
Timber
Sugar Cane
Oil - offshore
- on shore
Governmental lands - National Parks, Indian Reservations.
Sun as a source of energy
Wind " " " "
Television
Radio
Oceans

Dave Holt
Nat. Resource Economics

Topics

"Privatization."

I. James Watt's Administration.
   A. Drilling of oil
      1. Off California Coast
      2. Inside U.S.
      3. Alaska
   B. Mining of Minerals
      1. State Parks
   C. Pros + Cons

II. OPEC policies

III. Arizona + California
   A. Controversy of water of Colorado River

IV. Exhaustible Resources
   A. Oil
   B. Gas
   C. Coal

V. Alternatives
   A. nuclear.
   B. Solar
   C. Hydrogen

Water economics - (hydrological cycles, rights, biology)
Energy economics (oil + untapped resources.

WATER Resources - Legal Aspect
Stringfellow Acid pits - showing effects on damage etc.

WATTS Administration

Fishery on the Frazier

Determining land values for national ~~value~~ parks

OFFshore Oil Leasing

FEW 14B

David Hyde

My specific intrest pertaining to natural resources involve the study of econonic feasibility of excellerated development and wede spread distrubution of recyclable energy supplies such as MHD, Fussion, and Hydrogen fuel energy.

A more acceptable intrest of mine is the economies of MAXIMUM efficientcy in resource allocation

Villanueva, Sandra

1/12/84

I am interested in studying the economics involved with new forms of natural resources such as solar energy, wind energy and geothermal resources.

It would also be interested to study how the economics of non-renewable resources have been affected due to a decline in the availability of these resources

Environmental.

Mary yang
ECON 143

A The fundamental Concerns of economic geography
i.e. (1) Natural resources in relation to Man's economic stages of technological development
(2) The role of natural landscapes in man's economic activities
(3) The impending crisis - Will mankind survive?

B Primary or Extractive Industries
(1) Hunting & fishing
(2) forestry and forest industries
(3) mining
(4) Energy

C World population and Resource Utilization
(1) identify areas in which progress of science and technology can increase mankind's capacity to exploit and regenerate natural resources in order to sustain a satisfactory standard of living

D the problem of waste, and the physical limits

II The Great Yellow Acid Pits
(or whatever you would like to talk about!)

(1) Water

Res. books

~~'55 Ordway, HC 103.7~~
07

T. Page, HF 1052
P33

Barnett & Chandler

Hyde SD 427
T5 H92 v

Clawson, Forests for Whom, SD 565
C58

Kuenn, S.W. understory, ~~HC 107~~
~~A165~~ K58v

Dolman, Resources JX 1954
D54
1981

Butelman MC55
R471
1980

"No-growth" econ.
Steady-state.

~~683-1197~~ Resource Ecs.

Topics

Mercantilism
Imperialism
Intensity
"Ownership" -- a "holding ship"
Comm. Public servitudes
Absentee.
Collateral + banking
Opt. use
Intensity
Timing
1. Appreij 3. Exhaustible
2. Depreij
Infrastructure
Adequacy of Res.
Risk
Water
Commons
Taxes
Leasing