



MIT Libraries 12.000: Solving Complex Problems

September, 2010

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TEAM #6: Agricultural Aspects

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Purpose of assignment 2

To visit the MIT Libraries and find data useful for your team and future GIS work.

Specifically: To find and visit 3 of the libraries. To consult books for food related data. To post data to the wiki by end of day October 4.

Step 1: Locate the 4 library locations: Dewey, Hayden, Barker, Rotch

Navigation: Libraries homepage → Map

Step 2: Use Barton to find books you'll need on Reserve for 12.000

Navigation: Barton → Reserves → Course number search for 12.000 → get call numbers you need

Step 3: Organize members of your team to visit libraries below and consult sources indicated.

1. In **Dewey**, use HD1421.Y4 1950 pt 1: [FAO Yearbook of Food and Agricultural Statistics on Reserve for 12.000](#). Consult page 5, Table 1, Land Use (units near top of table) *In Indonesia, what amount of land was Forests and woodlands? How much was Arable land? Scan p. 3-7 for future use.*

FYI: While in Dewey, locate their Impulse Borrowing Collection—books on Food!

2. In **Hayden**, use [America's Food on Reserve for 12.000](#). Consult Chapter 5 and Table 5.1. *What percentage of GM crops are planted in the US? Do you believe it? Explore the source on this one.*

3. In **Rotch**, use [The Atlas of Food on Reserve for 12.000](#). Consult the piechart on page 44. *What type of crop has the most percentage of total GM crop? Which 3 countries have the most incidences of GM contamination? Also see the map on page 24-25. Which area is expected to have most H2O scarcity?*

FYI: While in Rotch, locate their DVD collection: some are on food (see HD 9000s)

4. **On the Web**, go to FAOSTAT>ResourceSTAT-Land to find similar data for Indonesia in 2008 as you did for question 1. Use the country name Asia>List to get this data for all countries in Asia. Save this file as a csv or excel file (or even a pdf) to use later for mapping.

5. You have a large team. Explore the list of books our librarians have suggested. (link is on the Mission site) Have some team members use Barton to search for other books on food, hunger, etc. Also: explore the GIEWS site. What books and reports look useful to you?

Step 4: Post (and cite) your data, files and pdfs to the class wiki.