

Project 3: Meeting Future Demand

In the first two projects, we have seen the tremendous growth in population and in energy needs that are expected in the next forty years. The question then becomes are there going to be enough Engineers, Mathematicians, and Physicists to meet the future demands of the world. To answer that global question, we need to look locally and try to see what different regions of the world are doing to meet the future demand for these majors.

In this project, you will be working in groups of no more than three people and you will select a particular region of the world to examine. In your region, you may focus on just one country, several countries in that region or on the entire region. You want to include the following in your paper:

- 1) A brief description of your region.
- 2) What is your area doing to encourage people to major in Engineering, Mathematics, and Physics?
- 3) How is your area educating these people in these areas?

Your paper should be typed and should be about three to five pages in length. You should have at least five sources. Be sure to get equal participation from all the members of your group.

Regions:

Africa - Non Middle East

Asia - Russia, China, Former Soviet Empire (Not Bloc), Mongolia, India

Australia including New Zealand

Central America

Europe

Middle East

North America (excluding the US) - Canada, Mexico, Cuba

Pacific Rim and Southeast Asia - Japan, North and South Korea, Vietnam, Thailand, Cambodia, Burma, Laos, Etc

South America

Here are some sites to help you get started:

www.cia.gov (white pages) www.econsources.com (country profiles)

www.ams.org (Reference Tools - other societies)