

## **Semester III**

### **PAPER NO- 5: RESOURCE GEOGRAPHY**

#### **Course Objectives**

The course introduces concept, classification and approaches of resources geography. Students learn about the distribution, utilisation, problems, conservation and management of natural resources. Paper will be able to learn about the importance, availability and distribution of natural resource patterns and its management.

#### **1 Natural Resource**

##### **1.1 Concept**

##### **1.2 Classification**

##### **1.3 Approaches**

- Zimmerman, E. W. and Hunker, H. L. (1964) Introduction to World Resources, Harper & Row, New York. Chapter 1, 2 and 3
- Ramesh, A. (1984) Resource Geography, Heritage India, New Delhi. Chapter 1
- Mitchell B. (1997) Resource and Environmental Management, Longman Harlow, England. Chapter 1 and 2

#### **2. Distribution, Utilisation and Problems**

##### **2.1 Land Resources**

##### **2.2 Surface Water Resources**

##### **2.3 Ground Water Resources**

- Lambin, E. F. and Geist, H. J. (2006) Land Use and Land Cover Change: Local Processes and Global Impacts, Springer- Verlag Berlin Heidelberg, New York. Chapter 1 and 2.
- Agnew, C. and Woodhouse, P. (2011) Water Resource and Development, Routledge, New York. Chapter 1, 2, and 3.
- Younger, P. L. (2007) Groundwater in the Environment, Blackwell Publishing, Oxford, UK. Chapter 1, 2, 6 and 7.

#### **3. Distribution, Utilisation and Problems**

##### **3.1 Forests Resources**

##### **3.2 Mineral Resources**

##### **3.3 Energy Resources**

- Mather, A. S. (2000) Global Forest Resource, John Wiley & Sons, Canada. Chapter 3
- Hudson, T. (2012) Living with the Earth: An Introduction to Environmental Geology, PHI Learning Private Ltd., New Delhi. Chapter 12
- Brown, C. E. (2002) World Energy Resources, Springer-Verlag Berlin Heidelberg, New York. Chapter 1, 3 and 21

#### **4. Conservation and Management of Natural Resources**

##### **4.1 Resource Appraisal and Techniques**

## **4.2 Conservation**

### **4.3 Resources Management**

- Ramesh, A. (1984) Resource Geography, Heritage India, New Delhi. Chapter 11
- Klee, G. (1991): Conservation of Natural Resources, Prentice Hall, Englewood. Chapter 1 and 2

### **Further Readings**

- Cunningham, W. P. and Saigo, B. W. (1999) Environmental Science: A Global Concern, WCB/ McGraw Hill, Boston.
- Negi, B. S. (1995) Sansadhan Bhugol, Kedarnath Ramnath Durga Offset Printers, Meerut.
- Gautam, A. and Kaushik, S. D. (2012) Sansadhan Bhugol, Rastogi Publication, Meerut.
- Prakash, V. and Singh, U. B. (1994) Sansadhan Bhugal, Jaishri Prakashan, Muzaffarnagar.
- Singh, R.B. (ed) (2009) Biogeography and Biodiversity, Rawat Publications, Jaipur.