

Key Terms and Concepts

Upon completion of this course, the student should be familiar with the following terms, concepts, and programs.

Irrigation

Flooding

Border strip irrigation

Check basin irrigation

Furrow irrigation

Surge flow surface irrigation

Cablegation

Sprinkler systems for irrigation

Drip irrigation

Sub irrigation

Alternate row irrigation

Center pivot irrigation

Contour furrows

Consumptive use of water

Water budgeting

Water use efficiency

Watersheds

Mini watersheds

Virtual water

Groundwater related Land subsiding

Ogallala aquifer

Links:

Water resources and Irrigation – United States:

Water Resources of the United States – UCGS

<http://water.usgs.gov/>

Dams and Reservoirs, Powerplants, Projects - Dataweb of Bureau Of Reclamation

<http://www.usbr.gov/dataweb/>

Water 2025: Preventing Crises and Conflict in the West

<http://www.doi.gov/water2025/>

Image gallery of Dams of USA

<http://www.usbr.gov/lc/hooverdam/gallery/damviews.html>

Water resources and Irrigation – International:

World Water Assessment Program

<http://www.unesco.org/water/wwap/>

Aquastat – FAO’s global information network on water and agriculture

<http://www.fao.org/ag/agl/aglw/aquastat/main/index.stm>

Water Resources Data from World Resources Institute

<http://earthtrends.wri.org/index.php>

World Commission on Dams

<http://www.dams.org/>

International Commission on Irrigation and Drainage

http://www.icid.org/index_e.html

Global Runoff Data Center

<http://grdc.bafg.de/servlet/is/Entry.987.Display/>