

Chapter 9. Dams and Their Discontents: Are the Benefits Worth the Costs?

1. Dam Basics
 - 1.1. Types of Dams
 - 1.2. Dam Components and Terminology
 - 1.3. Managing Reservoirs for Multiple Purposes
 - 1.4. Reservoir Storage-Yield Relationships
2. The Dam Debate: The Changing Attitudes of the Past Century
 - 2.1. The Dam-Building Era(s)
 - 2.2. From Zeal to Skepticism in the Twentieth Century
 - 2.3. The World Commission on Dams and Its Aftermath
3. Snapshot of US and Global Dams
 - 3.1. How Many Dams Are There?
 - 3.2. What Are Dams Used For, and Who Manages Them?
 - 3.3. How Has Storage Volume Changed Over Time?
4. Ecological Impacts of Dams
5. Social Impacts of Dams
 - 5.1. Population Displacement
 - 5.2. Dam Safety
6. Building the Right Dams and Managing Them the Right Way
 - 6.1. Building Better Dams
 - 6.2. Managing Dams Better
7. Dam Removal
8. Aqueducts