Appendix C References

Federal Economics Guidelines	
State Economics Guidance	
Ecosystem Valuation	
Cost Indices	
Books	
Reports/Studies	
Other Web sites	

Appendix C References

Federal Economics Guidelines

- President's Office of Management and Budget, Circular A-94: Guidelines and Discount Rates for Benefit-Cost Analysis of Federal Programs, (October 29, 1992) http://www.whitehouse.gov/omb/circulars/index.html.
- US Bureau of Reclamation, various Planning Instructions (for example, Planning Instruction No 82-03: Recreation, Fish and Wildlife Benefits). USBR guidance is not as centralized and codified as the Corps'; assistance concerning USBR guidance can be obtained through their Economics Technical Support Center at http://www.usbr.gov/pmts/economics/
- USACE Planning Manual, Planning Guidance Notebook (ER 1105-2-100), the US Water Resources Council's Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies, and other planning and economics guidance may be found at http://www.usace.army.mil/cw/cecw-cp/library/planlib.html
- USACE Institute of Water Resources' software and research reports available at http://www.iwr.usace.army.mil/

State Economics Guidance

CA Department of Water Resources. Planning Manual: Economics, August 1968.

CA Department of Water Resources. Economics Practices Manual (Draft), January 1977.

Governor's Office of Planning and Research. *Economics Practices Manual: A Handbook for Preparing an Economic Impact Assessment*, 1978.

State Water Resources Control Board, Office of Water Recycling. *Interim Guidelines for Economic and Financial Analyses of Water Reclamation Project*, February 1979.

Ecosystem Valuation

Allen, Jeff, et al. "The Value of California Wetlands," August 1992.

- Apogee Research, Inc. Monetary Measurement of Environmental Goods and Services: Framework and Summary of Techniques for Corps Planners. USACE IWR Report 96-R-24 (Evaluation of Environmental Investments Program), November 1996.
- Cole, R.A., J.B. Loomis, T.D. Feather, and D.F. Capan. Linkages between Environmental Outputs and Human Services. USACE IWR Report 96-R-6(Evaluation of Environmental Investments Program), February 1996.
- Contra Costa Times, "Plan to revive chinook run carries a price of \$475 for each resident and that's the cost for just one city in the Puget Sound area," February 28, 1999.
- Feather, Timothy, et al. Review of Monetary and Nonmonetary Valuation of Environmental Investments. USACE IWR Report 95-R-2 (Evaluation of Environmental Investments Program), February 1996.
- Freeman, A. M. The Benefits of Environmental Improvement. Resources for the Future, 1979.
- Freeman, A. Myrick. The Measurement of Environmental and Resource Values, 1993.
- Gregerson, Hans, et al. Valuing Forests: Context, Issues, and Guidelines, 1995, pgs. 23-26.
- Horowitz, John. "A Test of Competing Explanations of Compensation Demanded," http://www.uq.edu.au/economics/johnquiggin/JournalArticles99/WTAWTPEconInq99.html
- Hufschmidt, Maynard M.; James, David E.; Meister, Anton D.; Bower, Blair T.; and Dixon, John A. *Environment, Natural Systems and Development: An Economic Valuation Guide*, East West Environment and Policy Institute, 1983.

King, Dennis and Mazzotta, Marisa. Ecosystem Valuation (website). http://www.ecosystemvaluation.org

Leschine, Thomas, et al., Washington State Department of Ecology. The Economic Value of Wetlands: Wetlands Role in Flood Protection in Western Washington, October 1997.

Morrison, Jim. "How Much Is Clean Water Worth?" National Wildlife, Feb/Mar 2005, vol. 43 no 2.

National Academies. Valuing Ecosystem Services: Toward Better Environmental Decision-Making, 2005.

National Park Service. Economic Impacts of Protecting Rivers, Trails, and Greenway Corridors, 1995.

Cost Indices

Consumer Price Index http://www.bls.gov/cpi/

Engineering News-Record Construction Cost Index http://enr.construction.com/features/conEco/

Gross Domestic Product Implicit Price Deflator http://research.stlouisfed.org/fred2/series/GDPDEF/21

Producer Price Indexes http://www.bls.gov/ppi/home.htm and http://www.bls.gov/ppi/ppiesc.htm

USACE Civil Works Construction Cost Index System

http://www.usace.army.mil/inet/usace-docs/eng-manuals/em1110-2-1304/entire.pdf

USBR Construction Cost Indices http://www.usbr.gov/pmts/estimate/cost_trend.html

Books

Anderson, Lee and Settle, Russell. Benefit-Cost Analysis: A Practical Guide, 1977.

CA Department of Water Resources. Bulletin 132 Management of the California Water Project, annual series.

James, L. Douglas and Lee, Robert. Economics of Water Resources Planning, 1971.

Musgrave, Richard. Public Finance in Theory and Practice, 1980.

National Research Council. Restoration of Aquatic Ecosystems, 1992.

National Research Council. Risk Analysis and Uncertainty in Flood Damage Reduction Studies, 2000.

Reports/Studies

- California Bay-Delta Authority. Draft Report on In Delta Storage Program Economic Analysis, January 2004.

 http://calwater.ca.gov/Programs/Storage/InDeltaStorageReports_2003/Economic%20Analyses/Draft_Report_on_Economic_Analyses_1-30-04.pdf
- CH2M Hill (prepared for the Colusa Basin Drainage District). Integrated Watershed Management Plan: Draft Environmental Impact Report, July 2003.
- Cole, R.A.; Loomis, J.B.; Feather, T.D; and Capan, D.F. Linkages Between Environmental Outputs and Human Services. USACE IWR Report 96-R-6 (Evaluation of Environmental Investments Program), February 1996.
- Cowdin, Steve; CA Department of Water Resources. Ecosystem Evaluation Methods, Natural Floodplain Functions and Societal Values, Middle Creek Ecosystem Restoration Project Case Study: Benefit and Cost Analysis, Floodplain Management Benefit and Cost Analysis Framework
- Dunning, Mark C. and Durden, Susan (USACE). Theoretical Underpinnings of the Other Social Effects Account. Alexandria VA: Army Engineer Institute for Water Resources. September 2007
- Lee, Nancy (CH2M Hill). Colusa Basin Benefit Cost Technical Memo, November 2004.
- Lew, Daniel, Phd, et al. to the SWRCB. Assessing Economic Impacts of Water Pollution on Beneficial Uses in California Water Bodies: The Lost Beneficial Use Value Calculator, December, 2003.

- Metropolitan Water District of Southern California and the US Bureau of Reclamation. Salinity Management Study, Final Report, Technical Appendices, June 1999.
- USACE and State Reclamation Board. Hamilton City Flood Damage Reduction and Ecosystem Restoration, California: Final Feasibility Report and Environmental Impact Statement/Environmental Impact Report, July 2004. http://www.spk.usace.army.mil/projects/civil/compstudy/hamilton.html
- Zhang, Shidong. Washington State Department of Ecology. An Evaluation of Probable Benefits and Costs for the Proposed Rule to Establish the Columbia River Water Resources Management Program. Report nr: Chapter 173-565 WAC; #04-11-032. December 2004. Available at http://www.ecy.wa.gov/pubs/0411032.pdf.

Other Web sites

CA Department of Water Resources Loans and Grant Program http://www.grantsloans.water.ca.gov