



HDR

Environmental Science

PARTNERSHIP

Listen first. Solve second.



Environmental & Resource Management

HDR scientists and professionals provide client-focused environmental services aimed at helping you satisfy the full array of environmental regulations while minimizing the impact the compliance process can have on your project. At HDR, we understand the importance of preserving and enhancing environmental quality. We also understand our clients' growth and infrastructure demands. Most importantly, our extensive experience has taught us how to manage a project so that environmental responsibility and sustainable growth can work together for win-win outcomes.

Environmental Sciences is One of HDR's Fastest Growing Services...

- Strong partnerships with our clients in industry and government are key to providing exceptional and creative service in the quest for environmentally sustainable economic development.
- We have extensive experience in processing air, land, water and socioeconomic information to result in quality products.
- Environmental scientists and planners are teamed together to creatively, effectively and efficiently meet the challenges of sustaining both economic growth and environmental quality.

HDR Provides Expert Assistance in the Following Areas:

- Wetlands & Permitting
- Environmental Review - NEPA
- Environmental Restoration
- Geographic Information Systems (GIS)
- Air Quality
- Noise & Acoustic Services
- Public Involvement
- Biological Services
- Cultural Resources

Flathead Lake EIS | MT



Lake Okeechobee Watershed Assessment | FL



Big Stone II EIS | MN & SD





Environmental Restoration

The main goal of an environmental restoration project is to improve functioning of the ecosystem. HDR's environmental restoration services include; evaluation, permitting, conceptual design, construction plans, construction management, inspection of building materials and monitoring of the results.

Environmental Review - NEPA

HDR has extensive experience preparing system-wide, programmatic, tiered, third party and referenced environmental impact statements and assessments. We have the foresight and flexibility to develop and adapt plans that meet diverse regional and federal regulatory requirements while keeping the project on track.

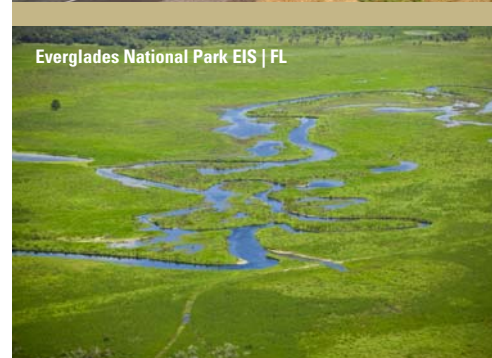
Wetlands & Permitting

Our experienced staff has extensive technical ability in wetlands permitting, mapping, delineation, functional assessment and development. HDR's proactive and professional approach with regulatory agencies is effective in accelerating the permit acquisition process.

Oregon Bridge Delivery Partners | Bridge #07393,
I-84, Exit 69, MM 70 | OR



Everglades National Park EIS | FL





Comprehensive Everglades Restoration Program | FL



Chester Creek Ecosystem Restoration | Anchorage, AK



Sabine Pass Marsh Coastal Habitat Restoration and Enhancement Project | Cameron, LA

Biological Services

HDR's environmental scientists have experience throughout the United States conducting all types of threatened and endangered species surveys, habitat surveys, biological assessments and monitoring. Our experts have specialized training and a thorough knowledge of regional threatened and endangered species and ecosystems characteristics.

Cultural Resources Management

HDR provides expert management of the complex federal and state regulatory processes required for cultural resource protection. From early project planning through construction, our cultural resources staff are adept in all aspects of survey, mitigation, monitoring and reporting requirements. We have proven track records with State Historic Preservation Offices and tribal communities across the country, which allow us to work through consultation processes and resolve issues to keep projects on schedule.

Geographic Information Systems (GIS)

Using GIS allows HDR to conduct environmental planning projects faster, at lower cost and with higher quality. GIS can quantify and automatically update spatial data, generate predictive models and provide an efficient and objective mechanism for asking "what if" questions.

Air Quality

HDR balances regulatory issues, public perception and the need to accomplish project objectives in a cost effective and timely manner. HDR develops strategies that identify the most expedient permitting approach to minimize schedule and cost impacts.



Endangered Chinook Salmon | Deschutes River, WA

Phoenix North Transfer Station and Material Recovery Facility, Noise and Acoustics were Integrated into the Design of this Gold SWANA Award Winning Facility (2007) | Phoenix, AZ



Noise & Acoustic Services

HDR's Noise and Acoustics Program provides noise and vibration monitoring and modeling services to HDR projects nationwide. HDR is a pioneer in the integration of noise analyses with Geographical Information Systems - allowing the display of impact areas, mitigation sites and noise contouring.

Public Involvement

The ultimate goal of comprehensive public outreach is awareness and community approval. This requires that key public groups understand and agree on project issues. An effective public involvement program is flexible, adapting to the needs of the community and the project. Involvement should start early to assure that all public issues are considered from the beginning.



Legacy Parkway and Preserve EIS Open House | Salt Lake and Davis, UT

WHAT IS THE SUPPLEMENTAL ENVIRONMENTAL STATEMENT?

The Supplemental Environmental Statement (SES) is a document that provides additional information about the project and its impacts. It is required by the National Environmental Policy Act (NEPA) and the Utah State Environmental Quality Act (USEQA).

The SES is a key component of the project's environmental review process. It provides information about the project's location, design, and construction. It also provides information about the project's potential impacts on the environment and the community. The SES is used to inform decision-makers and the public about the project's impacts and to help them make informed decisions about the project.

LEGACY

Founded in 1917, HDR is an architectural, engineering and consulting firm that excels at complex projects and improving quality of life. With locations across the nation and abroad, we deliver more than 50 different design and scientific disciplines.

Your community matters to HDR. After all, it's HDR's community too. HDR's operating philosophy is to be an expertise-driven international firm, which delivers tailored solutions through a strong local presence.

Service is what differentiates HDR from firms of similar size. Repeat business stands at 80 percent, a clear indication of client satisfaction and confidence. Professional publications consistently rank HDR among the leading consulting and design firms. You'll have confidence knowing that HDR is an international firm with a small-firm-service approach and a reputation for exceeding clients' expectations.

No matter what industry HDR clients are in, they operate in an increasingly complex world. In addition to traditional architecture and engineering services, HDR offers up-front services such as feasibility studies, siting, permitting, public involvement and economics.

Cover Photo Credit: Jim Kohl | Seward Highway EIS | Anchorage, AK