LOCAL EXPERTISE, BIG FIRM SUPPORT

SWCA is a nationwide environmental consulting firm. Since 1981, we have helped our clients navigate the environmental compliance process. We are recognized leaders for bringing sound science and creative solutions to every project. SWCA is a 100% employee-owned firm with more than 1,200 professionals throughout the United States.

For more information, visit SWCA.com.

100% Employee OWNED

CONTACTS



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Sound Science. Creative Solutions.®





DISASTER RECOVERY AND RESILIENCE SERVICES



A RELIABLE PARTNER IN YOUR RECOVERY FROM DISASTER

Hurricanes, tornadoes, fires, and other natural disasters can have devastating impacts on communities. The immediate aftermath can be overwhelming but SWCA provides a comprehensive approach to the unexpected challenges our clients face. SWCA assists in navigating the maze of federal environmental regulations, including those required under the Stafford Act and through grants from the Federal Emergency Management (FEMA) and the Department of Housing and Urban Development (HUD), so your community can begin to recover without delay. With offices throughout the United States, we can customize our services to client needs and can easily assemble resources from the entire firm. Our team includes fire planning specialists, watershed and wetland scientists, stream restoration engineers; threatened and endangered species specialists; ecologists; National Environmental Policy Act (NEPA) planners; regulatory and compliance specialists; archaeologists; and architectural historians. We provide on-the-ground and regulatory support for individuals, private companies, non-profits, and municipal agencies – anyone needing environmental expertise that will enable them to move forward in their disaster recovery.



After a massive landslide inundated a community along SR 530 near Oso, WA, SWCA provided archaeological construction monitoring during emergency landslide debris removal.

WHY CHOOSE SWCA?

NATIONWIDE AND LOCAL EXPERTISE

Having worked on thousands of disaster response and restoration projects across the nation, our knowledge of state and federal environmental regulations runs deep with local experts from the West Coast to the Rockies, along the Gulf Coast, and throughout the Northeast. 489

EXPERTISE ACROSS THE NATION

SCIENTISTS AND PLANNERS ARCHAEOLOGISTS

280

TO SUPPORT DISASTER RECOVERY PROJECTS

YOUR PARTNER THROUGHOUT

SWCA will be your trusted advisor through all stages of the disaster lifecycle - in planning and preparation before the next catastrophic event and positioning you to respond effectively and recover quickly from damage that impacts your community. Our goal is to support resilient communities with robust plans of action so you know what risks lie ahead and how to avoid the worst when disaster strikes.





Following the 2018 Ute Park Fire, SWCA completed a Damage Assessment and Burned Area Emergency Rehabilitation Plan for the New Mexico Department of Homeland Security and Emergency Management.



SWCA helped numerous homeowners recover from 2017's Hurricane Harvey through the GLO's Community Development Block Grant-Disaster Recovery program, including 50 counties throughout the state.



REGULATORY EXPERTS

We are practitioners and recognized experts in our fields. Our team works with you to provide the technical expertise for the unique problems you encounter.

PREPAREDNESS

- Risk Assessments
- Hazard Mitigation Planning
- Recovery Planning
- Climate Adaptation Planning
- Community Wildfire Protection Planning

PREPAREDNESS

- Stakeholder Engagement
- Training and Workshops

RESILIENCE/MITIGATION

- Stream and Wetland Restoration
- Coastal and Marine Restoration
- Sustainable Watershed Management
- Green Infrastructure Design/Engineering
- Community Outreach

ACEIMITIGATION

SWCA OFFERS SERVICES TO HELP OUR CLIENTS THROUGH THE FULL DISASTER LIFECYCLE

RECOVERY

RECOVERY

- HUD CDBG/FEMA recovery and resiliency program planning
- National Environmental Policy Act compliance and permitting
- Agency and Programmatic Agreement negotiation
- Wildfire resilience and post-fire restoration studies
- Erosion control and revegetation solutions
- · Archaeological site identification and monitoring
- Historic architectural and preservation assessments
- Native American and Hawai'i Tribal consultation

Clean Water Act assessments

- Endangered Species Act consultation
- Environmental Assessments (EA)
- Environmental Impact Statements (EIS)
- Tier I (Broad) and Tier II (Site-Specific) environmental reviews
- Environmental compliance monitoring
- Drone and aerial photography
- Public Involvement

PROVEN HISTORY OF AGENCY COORDINATION

SWCA prides itself in building and maintaining excellent professional relationships with personnel from local, state, and federal agencies. Federal agencies we work with on a regular basis include:

- Federal Emergency Management Agency
- **U.S. Army Corps of Engineers**
- **U.S. Forest Service**
- **National Park Service**
- **U.S. Fish and Wildlife Service**
- **Bureau of Land Management**
- **U.S. Environmental Protection Agency**



STAFF DISASTER EXPERIENCE

HURRICANES & FLOODS

Florence, 2018 Michael, 2018 Harvey, 2017 Maria, 2017 Irma, 2017 Matthew, 2016 Isaac, 2012 Superstorm Sandy, 2012 Irene, 2011

Dolly, 2008 Gustav, 2008 lke, 2008 Katrina, 2005 Wilma, 2005 Hays County River Flooding

Bastrop Fire Camp Fire



Bureau of Indian Affairs U.S. Department of Energy **Department of Housing and Urban Development U.S. Department of Agriculture** Natural Resources Conservation Service, **U.S. Department of Transportation Federal Highway Administration** National Fish and Wildlife Foundation

> **Thomas Fire** NorCal Fires Valley & Butte Fire

GA Winter Storm Pax Various other storms and flood events in CO, MO, SC, FL, NY, and CT



SWCA DISASTER RECOVERY EXPERIENCE ACROSS THE U.S.

FEMA Region IX Hazard Mitigation Technical Assistance Program Environmental and Historic Preservation Review Services, Locations throughout California

> California Earthquake Brace and Bolt Program, FEMA HMTAP EHP Review -throughout California



Hawaii Volcano Disaster Recovery Environmental Permitting and Compliance Hawai'i Volcanoes National Park Emergency Response -On-Call Natural and Cultural Resources Services – Locations throughout Southern California

SR 530

Landslide Emergency

Support Services

Oso, Washington

Ojo Peak Post-Fire Restoration Channel Stabilization and Revegetation, Claunch-Pinto Soil and Water Conservation District Torrance County New Mexico



Stream Restoration - New Mexico Interstate Stream Commission Studies (various projects) Middle Rio Grande, New Mexico

Climate Adaptation and Drought

Response Plan for State of Montana

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Texas General Land Office Hurricane Harvey CDBG-DR and Mitigation Programs Multiple Counties, Texas

FEMA EA, Comprehensive Mitigation Analysis Stockade Neighborhood

City of Schenectady, New York



Coastal Bank Restoration Town of Plymouth, Massachusetts & Little Compton, Rhode Island

Endangered Species Review for New York Coastal Storm Recovery Events

NEPA Support and Fire Management Plan Updates National Park Service

Task orders included development of an FMP for the entire Appalachian National Scenic Trail from Georgia to Maine.



Deepwater Horizon Early Restoration Environmental Impact Statement (EIS) NEPA Analytic Support Louisiana, Alabama, Florida, Texas and Mississippi



FEMA Hazard Mitigation Technical Assistance Program: Wastewater System Retro-Fit Project City of Seabrook, Texas