Our Approach and Mission
Climate change is real. It is not a problem of the future; it's a problem of now. The disruptions it is causing require that we change the way we consider planning and management in order to ensure the future of natural and built systems. In order to protect these areas from the unavoidable effects of climate change, EcoAdapt provides support, training, and assistance to make planning and management less vulnerable and more climate savvy. Over the past 200 years, great strides have been made in the world of management and now all of that is at risk because of climate change. EcoAdapt is working to ensure the success of these past efforts by delivering a framework for climate adaptation. We help governments, organizations, and individuals figure out how to do what they do effectively, even in the face of climate change.

EcoAdapt, founded by a team of some of the earliest adaptation thinkers and practitioners in the field, has one goal – creating a robust future in the face of climate change. We bring together diverse players in the conservation, policy, science, and development communities to reshape planning and management in response to rapid climate change through our programs – State of Adaptation, Climate Adaptation Knowledge Exchange (CAKE), Awareness to Action, and Adaptation Consultation.

Staff

Lara J. Hansen, Ph.D.  
Chief Scientist & Executive Director

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Scientist & CAKE Program Manager

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Controller

Alex Score, M.S.  
Lead Scientist

WendyKay Gewiss  
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Treasurer

Katherine Silverthorne, J.D., M.E.L.

Erika Zavaleta, Ph.D.
Lara’s Letter

Five years! EcoAdapt’s Wood Anniversary. Seems like an appropriate symbol for us. At five years, we are not just a sprout of new growth – we’ve set down roots (our enriching staff), established a solid bole (the organizational structure), and have far-reaching branches (our five programs!). I’m not certain I had any idea what we would have accomplished in these five years when we first started but I’m happy to say we can be proud of it all!

This past year has added another ring of growth to the EcoAdapt tree—the sum of our many efforts. The State of Adaptation program released another widely viewed and frequently used assessment—The State of Adaptation in the United States. This synthesis, created with partners from leading adaptation groups across the country, has helped provide insight into the gaps and opportunities for good adaptation practice nationwide. The Climate Adaptation Knowledge Exchange (CAKE) continues to build a user community with thousands of visitors each month, and this year, EcoAdapt took over the reigns to the site, so look forward to new ideas to help keep this site your adaptation destination. Our Awareness to Action program collaborated with partners from the desert southwest and the Great Lakes regions to train almost 800 people so they could start or enhance their adaptation actions the minute they left the workshops (if not sooner!). Adaptation Consultation supports many partners who need additional adaptation capacity, but our biggest push was to help support climate-informed forest planning.

Finally the Inaugural National Adaptation Forum is a testament not only to some dedicated EcoAdapters who believed it could happen, but also the power of partnerships across the adaptation community and the great people who attended the Forum in Denver in April 2013. It was a phenomenal event that will be repeated in St. Louis in May 2015. See you there!

All of us at EcoAdapt look forward to the excitement that 2014 will bring. We’re improving CAKE, building new online adaptation tools with partners, exploring adaptation activities in the Southeastern United States, continuing to collaborate with the U.S. Forest Service and other government agencies, developing improved adaptation training tools, and finding new partners to innovate new ideas with every day. We thrive on helping society recognize where the methods created in the past are limiting our potential for the future. As Yogi Berra said, “The future ain’t what it used to be.” We can make it better.

Lara J. Hansen, Ph.D.
Chief Scientist & Executive Director

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© Peter Griffin
In April 2013, the Inaugural National Adaptation Forum (www.nationaladaptationforum.org), convened in Denver, Colorado, was an unprecedented success. The Forum proved its need and significance by drawing nearly 500 participants from a diverse cross-section of the adaptation community. The overwhelming take-away for Forum organizers was that more opportunities are needed for the adaptation community to meet and share their challenges, innovative ideas, lessons learned and successes. Bottom line: They wanted another one, soon. The National Adaptation Forum also created much needed camaraderie for participants who were finally able to meet and collaborate in person to share their adaptation goals and strategies.

Over the last several years, EcoAdapt has witnessed firsthand the growing demand for a venue to exchange adaptation ideas on a larger scale. However, questions remained—how and where should practitioners dedicated to addressing climate change gather on the scale needed? Who would take the lead (risk), and work to find a venue and the capacity needed to bring this community together?

EcoAdapt stepped up to the challenge in 2011 and created a concept note, which was well received by partners in government, academia, NGOs and corporate groups. Seed funding was provided by the Moore Foundation through an existing grant to EcoAdapt and a steering committee was formed that included EcoAdapt (Lara Hansen), National Oceanic and Atmospheric Administration (Margaret Davidson), U.S. Environmental Protection Agency (Joel Scheraga), U.S. Forest Service (Michael Goldstein), Defenders of Wildlife (Noah Matson), National Wildlife Federation (Naomi Edelson), and the California Department of Fish and Game (Amber Pairis).

Forum leadership had a conservative goal of 150-300 attendees; ultimately, ~500 practitioners from 41 states (plus the District of Columbia, Puerto Rico, and the Commonwealth of the Northern Mariana Islands), and three Canadian Provinces arrived ready to talk about all things adaptation. Participants at the Forum were composed of representatives from NGOs, government, academia and the corporate sector. The Program Committee received over 300 submissions from eager participants. These submissions were used to create a comprehensive program comprising 3 Plenary Sessions, 59 Symposia, 26 Working Groups, 12 Trainings, 59 Posters and 11 exhibitors! All three session types (symposia, working groups and trainings) were well attended and well received by participants. Sessions brought to the fore an array of issues from environmental/climate justice and tribal learning to adaptation tips and new frameworks.

**Travel Awards**

Providing travel support was critical to a successful event. In general, the majority of government participants (including local, state, federal and tribal) have little or no designated travel funds, while non-governmental organizations and students have perennially limited funds. In order to increase participation of groups that would otherwise be unable to attend and to increase geographic diversity of participants, an effort was made to both recruit participants and provide travel grants.
Sponsors and Exhibitors
We cannot thank our generous sponsors enough for providing the support to launch what will now be a biennial gathering of the adaptation community. The primary funds which created the foundation for the Forum were provided by the John D. and Catherine T. MacArthur Foundation, with additional funds from the Kresge Foundation, the National Oceanic and Atmospheric Administration, The Nature Conservancy (an effort led by several regional offices combining funds), the Wilburforce Foundation, EcoAdapt, the Geos Institute, Defenders of Wildlife, the Institute for Sustainable Communities, the University of Arizona Institute of the Environment, the Switzer Foundation, and the Betsy and Jesse Fink Foundation. Other groups participated as exhibitors including Stratus Consulting, Georgetown Climate Center, Association of Climate Change Officers, National Wildlife Federation, The Nature Conservancy, and NOAA.

Participant Feedback
Following the Forum, all registered attendees were sent an online survey to help us assess what worked well and what needed improvement for the next Forum in 2015. The responses were overwhelmingly positive, starting with garnering a 34% response rate to the survey. Also, check out the closing plenary comments at www.bitly.com/NAF2013Plenary. Spoiler alert, it’s awesome!

99%
Satisfied with the Forum, gained knowledge and skills they can apply in their jobs, and thought the Forum was a good use of their time.

98%
Discovered ideas and tools they will use and share with others, and thought the food was pretty great.

0%
Said they wouldn’t attend the next Forum!

The forum was extremely valuable, thought provoking, and exciting! There is so much work to be done and listening to experts and practitioners discuss the many issues facing us all and how we can best address those issues was so important. I learned many, many things that I will take back to Benicia and try my best to integrate and implement.

Alex Porteshawver, Climate Action Plan Coordinator, City of Benicia, CA

For those of us working in rural regions of the US in adaptation in isolated areas, ...it was so enlightening and uplifting to have the opportunity to share and meet our peers from across the country! To be surrounded by 500+ others who are moving in the same direction was energizing for the importance of the work that we are doing.

Marcie Bidwell, Executive Director, Mountain Studies Institute, Durango, CO

What’s next?
The 2nd National Adaptation Forum, May 12-14, 2015 in St. Louis MO! We hope to see you in St. Louis, the gateway to your adaptation future!
The State of Adaptation™ program is a research initiative designed to facilitate adaptation action by surveying practitioners, assessing adaptation activities, writing in-depth case studies to catalyze creative thinking, and synthesizing information collected to further develop the field of study and action. The results of this program are used to create synthesis reports, case studies, and other resources, which are shared through numerous venues, including the Climate Adaptation Knowledge Exchange (CAKE) and our blog, Adaptation Nation.

An Overview of the State of Adaptation in the United States

The State of Adaptation in the United States,¹ a synthesis report funded by the MacArthur Foundation and undertaken by EcoAdapt and our partners at the Climate Impacts Group at the University of Washington, the Georgetown Climate Center at Georgetown University, and the University of California-Davis, was released. The report provides illustrative examples of responses to climate change in our planning and management of policy, agriculture, human communities, and natural resources in the United States. In addition, the report identifies the gaps that need to be filled to better prepare society for climate change, as well as actions that could fill those gaps.

Adaptation can be thought of as a cycle of activities that ultimately — if successful — reduces vulnerability to climate change. This cycle includes:

- **Impacts assessment** to identify manifestations of climate change;
- **Vulnerability assessment** to determine the extent to which climate change will make a particular target of concern more or less vulnerable to achieving/maintaining its intended purpose;
- **Planning** to reduce the vulnerability through different strategies and course of action;
- **Implementation** to put those strategies into action; and
- **Monitoring & evaluation** to understand what is and is not working.

This cycle is used to frame the structure of each chapter so that readers can get an understanding of the extent to which progress is being made in all four sectors. Across all four sectors, significant effort has gone into problem identification, particularly impacts assessments, while some effort has gone into planning and tools development. There is insufficient effort in capacity building and implementation, and there is essentially an absence of monitoring and evaluation of adaptation efficacy.

The authors also recommend several “good bets” for investing in adaptation in the United States — **supporting the National Adaptation Forum** to advance capacity-building opportunities and knowledge exchange; **creating an Adaptation Help Desk** to bring together existing adaptation capacity (i.e. the author organizations) to provide recommendations on legal, scientific, and process considerations for climate adaptation; **taking stock of existing guidance** to direct people to what is already available, assess the efficacy of the tools, and create what is still needed; **kick-starting implementation** by providing incentives to implement more experimental approaches; and **identifying Pathways for Success** to develop good replicable models of successful adaptation.

**Resilient Water Resources in the Southeast United States**

**Problem:** There is a significant gap in capacity and reported climate adaptation activity in the Southeast United States, especially around water resources management, planning, and conservation. Climate-induced effects on the water cycle will alter hydrologic systems, which will have implications for ecosystems and human communities. These changes will also affect how managers and planners approach water resources management, as they will be required to prepare for and respond to these impacts through both mitigation and adaptation measures.

The Southeast features diverse landscapes and a population base of more than 80 million people, along with a variety of key industries including agriculture, forestry, and energy production. We are conducting interviews and examining activities in 10 states: Alabama, Louisiana, Georgia, Mississippi, Tennessee, Kentucky, South Carolina, North Carolina, Virginia, and Arkansas. Anticipated products include a needs assessment, case studies, synthesis report, and guidance to support climate-informed water resources. For more information, contact Rachel M. Gregg at Rachel@EcoAdapt.org.

**Climate Adaptation Toolkit for Fisheries Management**

**Problem:** Supporting sustainable U.S. marine fisheries management is important to ecosystem health and human and economic well being. Climate change is having and will continue to have cascading effects on all aspects of fisheries, including fish production, essential fish habitats, fishing-dependent communities, and management. Traditional fisheries management tools (e.g., allowable catch, size and gear restrictions, marine protected areas, etc.) may not be sufficient to sustain fisheries in the face of the combined effects of climatic and non-climatic stressors. A strong need exists to improve understanding of the interactions between human and environmental systems by examining fisheries management in the context of climate change and ocean acidification.

We are assessing the impacts of climatic and non-climatic stressors on fisheries; conducting a needs assessment of fishery managers seeking to address climate change; and surveying climate-informed fisheries activities. Anticipated products include a synthesis report and case study examples of adaptation in practice in fisheries management; a centralized portal on CAKE to promote and sustain these efforts over time; and tools and training to support and inform managers and stakeholders on vulnerabilities and adaptation options. For more information, contact Alex Score at Alex@EcoAdapt.org.
The Climate Adaptation Knowledge Exchange (CAKE; www.cakex.org) is an online resource that supports open access information exchange between practitioners. CAKE includes case studies, a library, a community forum, a directory of individuals and organizations interested and/or engaged in adaptation, and a tools section of resources for adaptation action.

2013 was a very busy, exciting, and successful year for CAKE! EcoAdapt took over full management and operation of the site in January, and we saw significant growth in both our content and user community. In order to sustain and enhance CAKE's niche in the adaptation resource portfolio, we engaged in extensive user communications and cultivation of resources, and aimed to improve content delivery through new tools and community partnerships.

**Innovative Design and Delivery**

CAKE's home page design and functionality was improved to facilitate user submission and engagement with the site. The home page now provides users with easy access to submit content, connect with CAKE staff, locate the most recent and featured content, and view the most popular content within each “piece” of CAKE (e.g., Case Studies, Virtual Library, Directory, Tools, and Community).

**Outreach and Community Partnerships:** CAKE’s reputation as a known and trusted source for adaptation information has continued to grow both among individual users and with potential partner organizations. This recognition has allowed CAKE to increase content and user traffic by making outreach partnerships with organizations that have similar and overlapping constituencies. These partners either feature our content on their sites and newsletters or share/host their content, events, and opportunities on CAKE. These mutually beneficial partnerships include NCAnet, the Northeast Climate Science Center, Climate and Development Knowledge Network, U.S. Fish and Wildlife Service, Tribal Climate Change Project, Model Forest Policy Program, Land Trust Alliance, The Nature Conservancy, Northern Institute of Applied Climate Science, and the Pacific RISA, among others. In addition, we started hosting several webinar series in partnership with other programs and organizations. CAKE is now the official host of the National Adaptation Forum webinar series, which aims to sustain engagement between conferences. In addition, we have partnered with the EBM Tools Network and OpenChannels to jointly host webinars focused on adaptation tools.

**Dashboards:** The adaptation field has grown rapidly since CAKE’s launch in 2010. An increasing number of people from a variety of sectors and industries are looking for adaptation resources specific to their job function(s) and needs. With limited time and capacity and an ever-growing list of resources, many user groups have expressed frustration with the time required to cull through comprehensive adaptation databases to find the most relevant resources. There is a growing interest amongst CAKE users and the adaptation practitioner community at large for resource pages specially designed to meet specific interests and needs with respect to content and functionality. EcoAdapt is creating the next generation of adaptation tools by leveraging the existing CAKE database infrastructure. These Dashboards are mini-CAKE databases that are focused on specific sectors, geographies, impacts, or whatever else you can imagine by filtering the vast quantities of CAKE resources.

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content (existing and new) using our extensive keyword systems. Each Dashboard, while powered by the CAKE database, will be custom-tailored to meet our clients’ and partners’ branding needs (e.g. logos, URLs).

**User Feedback**

We rely on an annual user survey to give us feedback on the current site and activities and guide our future plans. The CAKE community includes users from government agencies, nonprofit organizations, academia, the private sector, and the public. Over 78% of survey respondents reported having used content found on CAKE to inform their work in order to:

- “[Locate] case studies in the SE region of the US for a submission to the [National Climate Assessment].”
- “Help inform policy in our agency.”
- “[Support] implementation of adaptation projects.”
- “Identify examples of work already taking place; this makes it easier to get governments, in particular, to look more seriously at taking similar actions.”
- “Educate our internal staff.”
- “Share information about my project [and] to keep up to date on what is going on in the world of adaptation.”

Here’s a sampling of some user recommendations for why you should enjoy some CAKE and get engaged in climate adaptation!

**CAKE offers the best resource for a comprehensive list of adaptation case studies, as well as tools relating to adapting to climate change. The case studies can help to inform future tool development, as well as to identify any potential for top-down adaptation policies or regulations. The case studies and tools also help from the local level by showcasing success stories and identifying ways to overcome barriers, as well as the tools to guide them to adapting effectively.**

Ashley Brosius, Climate Ready Estuaries, US EPA

**THE hub of climate adaptation information in the US.**

Justus Stewart, O’Brien and Company

**The CAKE network is responding to the climate crisis with an overarching climate adaptation framework that provides tools, case studies, resources and best practices that prepares our communities to be more resilient.**

Nile Malloy, Communities for a Better Environment

**Great website, great, responsive staff.**

Aranzazu Lascurain, Southeast Climate Science Center

We would also like to say a big thank you to our Advisory Committee for all of their support in 2013! Cheers to Tosha Comendant (CBI/Data Basin), Paul Wilson, Brian Holland (ICLEI), David Herring (NOAA), Sean Hart (Bureau of Indian Affairs), Gwen White (Eastern Tallgrass Prairie & Big Rivers LCC), Lois DeBacker (Kresge Foundation), Steve Adams (ISCVT), Frank Nutter (Reinsurance Association of America), and Denise Schiener (Island Press).
Building capacity and bringing our partners from Awareness to Action are central to EcoAdapt’s mission. Our adaptation experts have pioneered a series of innovative and interactive workshops to bring those engaged in the early stages of climate adaptation from awareness to implementation. The underlying goals of these workshops are to strengthen the ability of people working on the ground to respond to climate change and create a network wherein they can share knowledge, experiences and ideas, and develop plans focused on specific regions, species, or biomes.

EcoAdapt’s Awareness to Action approach continues to be applied throughout the United States and Canada. Since the program’s inception in 2009, we have conducted 44 workshops in 21 states and two provinces, training over 2,100 individuals!

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Workshops</th>
<th>Number of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>11</td>
<td>799</td>
</tr>
<tr>
<td>2012</td>
<td>18</td>
<td>713</td>
</tr>
<tr>
<td>2011</td>
<td>9</td>
<td>260</td>
</tr>
<tr>
<td>2010</td>
<td>4</td>
<td>203</td>
</tr>
<tr>
<td>2009</td>
<td>2</td>
<td>148</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
<td><strong>2123</strong></td>
</tr>
</tbody>
</table>

These trainings help participants integrate the principles of climate adaptation into the work they are already doing rather than developing a new program or project. Our method is based on the philosophy that adaptation needs to be incorporated into all aspects of an organization including its mission, goals, and objectives so that they can be both effective and climate-informed over the long term.

We also started using EcoAdapt’s Adaptation Ladder of Engagement™ to help practitioners assess their own "State of Adaptation" to determine ways to improve current management and planning efforts. Using the Ladder as a measuring tool has been very helpful for workshop participants to prioritize current and future efforts; it has really helped people visualize the next steps to move up the ladder. We tested this concept by running a “Quick Course” during the 2013 Inaugural National Adaptation Forum in Denver. The training included an assessment of where participants were in the Ladder and the identification of strategies and tools that could help them start making climate-informed decisions. The Adaptation Ladder of Engagement’s principles were also used to analyze how the field of adaptation is moving forward by assessing where Forum sessions fell on the ladder. Over 70% of the sessions fell on the Awareness, Assessment, and Planning rungs, while only 30% fell within the Implementation, Evaluation, Integration, and Sharing rungs. We hope to see practitioners moving up the ladder by the 2015 National Adaptation Forum!
Adapting to a Changing Climate in the Sky Island Region

In 2013, we finalized a three-part series of workshops with the Sky Island Alliance to help the region move from planning to implementation of adaptation strategies. The three workshops were part of the region’s climate change adaptation project to address changes in precipitation, temperatures, and fire regimes, and provide a forum to share learning and develop cooperative projects. The workshops targeted managers, planners, conservation groups, and landowners to work together to develop innovative solutions to address current and future climate impacts resulting in increased awareness of climate impacts and innovative, collaborative regional adaptation projects.

The final workshop, Learning to Live With the Heat: Adapting to a Changing Climate in the Sky Island Region, was held in Tucson in May 2013. The workshop focused on wildlife linkages, springs, and responding to fire events, and participants discussed new tools and research, shared strategies and progress, and developed adaptation action plans. We have had an amazing time working with the great staff of our friends and partners at Sky Island Alliance!

National Adaptation Forum Webinar Series

In our effort to keep the adaptation community engaged between in-person meetings, we created a quarterly webinar series to provide further guidance, share expert feedback, and increase practitioner network opportunities. The first webinar was conducted in November 2013 along with the Georgetown Law Center and was hosted by CAKE.

Creating and Expanding Funding Streams for Adaptation Planning and Implementation

Cities and communities are confronted with planning and implementing climate adaptation with very few resources available to help pay for the help they need. Adaptation funding is competing against already limited funding for schools, police, and libraries from scarce local resources. So, while adaptation is a responsible long-term investment for communities, it is usually very difficult to secure adequate funding for planning and implementation. The webinar explored ways to use existing mandates for implementing adaptation, and highlighted how adaptation is moving forward in the City of Cleveland. To watch a recording of the webinar and keep up to date on future webinars, visit www.cakex.org/national-adaptation-forum-webinar-series.
The Adaptation Consultation program allows our experienced scientists to support the implementation of adaptation strategies by providing capacity to partners eager to take action. Each Adaptation Consultation is specifically designed to meet the needs of our partners be it early stages of vulnerability assessments; more advanced planning, implementation, and evaluation; or technical support on adaptation-related issues.

The U.S. Forest Service (USFS) is taking big action to tackle climate change, and EcoAdapt, with one of the broadest and deepest adaptation support portfolios in the United States, is working with several USFS regions and their partners as they evaluate and modify management actions in order to create a climate-informed agency.

The USFS enacted the National Forest System 2012 Planning Rule highlighting the need to consider climate change impacts in forest planning, including assessing vulnerability of forest resources to climate change and developing adaptation strategies to reduce vulnerabilities of key resources. Similarly, the USFS Climate Change Performance Scorecard was created to allow each national forest to evaluate the organizational capacity to assess vulnerability to climate change and take action to reduce the vulnerability of key resources on an annual basis. All 155 national forests and 20 grasslands in the country are required to revise their land management plans, beginning with eight “early adopter” forests. This presents a critical opportunity to develop an effective process to assess climate impacts on wildlife and natural resources so that responses can be incorporated into plan revisions, advancing the implementation of effective and robust management and conservation strategies. EcoAdapt is stepping up to the challenge by helping individual forests improve understanding of potential vulnerabilities of key forest resources, including habitats, species, and ecosystem services to climate change, and develop robust adaptation strategies and actions.

Project Highlight: Sierra Nevada Focal Resources

Climate changes, including warming temperatures, decreased snowpack, and increased frequency and area burned by wildfires, are already affecting Sierra Nevada ecosystems and communities, resulting in habitat shifts, movement of species, and modification of human activities. Land and resource managers are revising current plans and practices with increased attention on potential climate impacts to natural resources, communities, and social/economic values to better meet long-term goals. The Climate Adaptation Project for the Sierra Nevada – a 1.5-year project led by EcoAdapt and the USFS Pacific Southwest Region – improves understanding of potential climate impacts to regionally important ecosystems, species, and ecosystem services, and identifies potential management actions to aid regionally important resources in adapting to changing climate conditions. This project was funded primarily by the California Landscape Conservation Cooperative (CA LCC) and USFS, and resulted in a unique collaboration between over 30 federal, state, and non-profit partners.
Key project components included the formation of two project committees – a Science Advisory Group and a Stakeholder Advisory Committee, vulnerability and adaptation planning workshops, and generation of spatial climate data and maps.

**Workshops**

EcoAdapt held two workshops during the spring and summer of 2013 – one focused on vulnerability and one on adaptation – with over 30 participants at each representing more than 15 different agencies and organizations from throughout the Sierra Nevada. The workshops provided an opportunity to work within the CA LCC framework, with the objective of building a collaborative, ongoing network among scientists, managers, and conservation practitioners from a broad array of organizations to further climate-informed, science-based resource management in the region. At the first workshop, participants reviewed and refined a list of focal resources including ecosystems, species, and ecosystem services. Participants then evaluated the vulnerabilities of 27 focal resources using vulnerability assessment criteria and background information provided by EcoAdapt, Geos Institute, and the Template for Assessment Climate Change Impacts and Management Options (TACCIMO). At the second workshop, participants focused on developing adaptation strategies and actions for a subset of focal resources – five ecosystems (alpine/subalpine, yellow pine/mixed conifer, red fir, wet meadow/fen, oak woodland) and three species (Sierra Nevada and southern mountain yellow-legged frogs and marten). For each resource, attendees devised a set of potential adaptation strategies and actions intended to reduce vulnerabilities and increase positive long-term outcomes for regional management goals. Adaptation strategies ranged from reducing non-climate stressors to restoring habitat to prepare for future conditions to prioritizing and protecting key current and future habitat core areas and corridors to increased education and outreach.

**Climate-informed Mapping**

The project also included the generation of climate-informed maps, which overlay projected climate change (e.g., changes in temperature, snowpack, soil moisture, fire patterns, vegetation types) with existing focal resource distributions and additional non-climate datasets (e.g., grazing allotments) to help identify: (1) where and why resources may be vulnerable, (2) the magnitude of change they are likely to experience, and (3) what adaptation strategies and actions may be most appropriate to implement in a given area.

**Project Outcomes**

Products, including vulnerability assessment briefings, adaptation strategies report, and climate-informed maps, were finalized in early 2014. These have been used to inform management and planning efforts for the USFS, National Park Service, California Department of Fish and Wildlife, Gulf of the Farallones National Marine Sanctuary, Safeguarding California Plan, and others!

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3 [http://databasin.org/groups/e6cfbd4218f54b32b695fad7af8cce31](http://databasin.org/groups/e6cfbd4218f54b32b695fad7af8cce31)

EcoAdapt partners with foundations, agencies, and organizations to achieve the goal of responding to and preparing for climate change in a smart and sustainable manner.

Every donation – big or small – makes a difference!

Visit [www.ecoadapt.org](http://www.ecoadapt.org) and click on the Donate button today!

Where does my gift go?
Your gift supports the entire EcoAdapt mission. We use your gift where it can do the most good – helping to transform management and planning to create a sustainable future. In 2013, these donations supported staff time to:

- Maintain and improve core operations functionality for EcoAdapt, including updated accounting systems, improved timekeeping methods be compliant with funders, and legal monitoring of copyright and trademark issues relating to products. All of the things that make a good organization run smoothly and efficiently are almost exclusively derived from general support!
- Develop innovative ideas such as the Adaptation Ladder of Engagement and the CAKE Dashboards!
- Act as lead, supporting, and advising authors on five of the Technical Inputs to the National Climate Assessment!
- Serve on the Department of the Interior’s Advisory Committee on Climate Change and Natural Resource Science!
- Act as board member(s) and boosters of the American Society of Adaptation Professionals!
- Participate as members of federal, regional, state and local advisory committees on adaptation!
- Advise unfunded conservation, community, and tribal partners!

NOW is the time to give!

© Larisa Koshkina
**EcoAdapt 2013 Index**

**197,000**

CAKE Page Views

**Sixty-Six**

Case Studies added to CAKE

**Eleven**

Training Workshops

**Practitioners trained in 2013 workshops: 339**

Number of times reports from the State of Adaptation were downloaded in 2013 from the EcoAdapt website

**22,985**

Number of times reports from the State of Adaptation were downloaded in 2013 from the EcoAdapt website

**11,364**

ADAPTATION NATION READERS IN 2013

Top Country Visits to Adaptation Nation in 2013

Where EcoAdapt Visited for Work during 2013

Staff Picks!

**Sports:**
- Baseball fans: 6 (most supported team: NY Yankees)
- Football fans: 5 (most supported team: Seahawks)
- Soccer fans: 2 (both US and European leagues)
- Hockey: 2 (fans of historic rivals: Kings and Sharks)
- Basketball: 1

**TV/Movies**
- Game of Thrones
- Luther
- Parenthood
- Raising Arizona
- Downton Abbey
- Sherlock
- The Wire
- Blackfish
- The Woman
- The Walking Dead
- Lost
- Veronica Mars
- Modern Family
- Doctor Who
- Cosmos
- Long Way Round
- Usual Suspects
- Secret Life of Walter Mitty
2013 Publications


### Financials

#### Statement of Activities & Net Assets

**Year Ended December 31, 2013**

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<tr>
<th>SUPPORT AND REVENUE</th>
<th>FUNCTIONAL EXPENSES</th>
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</tr>
<tr>
<td><strong>Net Assets end of year</strong></td>
<td>806,947</td>
</tr>
</tbody>
</table>

#### Statement of Financial Position

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>USE OF FUNDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash &amp; Equivalents</td>
<td>Program Expenses</td>
</tr>
<tr>
<td>Other Current Assets</td>
<td>Management &amp; General</td>
</tr>
<tr>
<td>Net Investments</td>
<td>Fundraising</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td><strong>1,135,169</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Liabilities</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Liabilities</td>
<td>79,492</td>
</tr>
<tr>
<td>Total Liabilities</td>
<td>79,492</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NET ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted</td>
<td>172,832</td>
</tr>
<tr>
<td>Temporarily Restricted</td>
<td>634,115</td>
</tr>
<tr>
<td>Total Net Assets</td>
<td>806,947</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOTAL LIABILITIES &amp; NET ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>886,439</strong></td>
</tr>
</tbody>
</table>

#### Sources of Funding

- **Sponsorships and Grants**: 93%
- **Donated Services**: 5%
- **Fundraising**: 2%
- **Other Income**: <1%

#### Use of Funds

- **Program Expenses**: 79%
- **Management & General**: 18%
- **Fundraising**: 3%
Looking Ahead to 2014!

The State of Adaptation in the Southeast United States
With funding from the Charles Stewart Mott Foundation, EcoAdapt is conducting a survey of climate adaptation activities and needs surrounding water resources in the Southeast United States. EcoAdapt will be interviewing a variety of water managers, compiling case studies from municipal, governmental, utility, non-profit, natural resource and other sectors, and collecting and exhibiting different tools that can be used to integrate climate adaptation into water management frameworks. Through this project, EcoAdapt hopes to generate a better picture of the needs, opportunities, and current state of water-related climate change adaptation within the region, and to foster a regional climate adaptation network with access to tools, examples, and frameworks that facilitate learning and implementation of climate adaptation activities.

Gulf of the Farallones National Marine Sanctuary Vulnerability Assessment
EcoAdapt has partnered with the Gulf of the Farallones National Marine Sanctuary to host a focal resources workshop and vulnerability assessment workshop as part of the North-Central California Coast and Ocean Climate-Smart Adaptation Project. Through workshop and methodology expertise, EcoAdapt will help the Gulf of the Farallones National Marine Sanctuary and other regional partners assess the vulnerability of key marine and coastal resources to climate change and gather science and management information that can be used to develop adaptation strategies in the future. This project is an exciting cross-sectoral extension and adaptation of EcoAdapt’s vulnerability assessment methodology.

…and much more!!

EcoAdapt led the vulnerability assessment and adaptation planning effort for Sierra Nevada forests. The process aided us in understanding how important natural resources may be vulnerable to climate change and what steps we can take. As a result of the success of the Sierra Nevada project, we are now starting a similar project with EcoAdapt for our forests in Southern California.

Chrissy Howell, Regional Wildlife Ecologist, U.S. Forest Service Pacific Southwest Region
Thank You to our 2013 Funding and Program Partners

Bandon Marsh Wildlife Refuge
Betsy and Jesse Fink Foundation
California Landscape Conservation Cooperative (LCC)
Charles Stewart Mott Foundation
Conservation Biology Institute
Data Basin
Freshwater Future
Geos Institute
Gordon and Betty Moore Foundation
Great Northern LCC
Headwaters Economics
Integrated Data Management Network
John D. and Catherine T. MacArthur Foundation
Marine Planning Partnership for the North Pacific Coast
Nanwakolas Council
National Climate Change and Wildlife Science Center
National Oceanic and Atmospheric Administration
National Wildlife Federation
NCAnet
North Pacific LCC
Northwest Climate Science Center
Oregon Coastal Management Program
Resource Media
Robert and Patricia Switzer Foundation
Sky Island Alliance
Sound Science
Template for Assessing Climate Change Impacts and Management Options (TACCIMO)
American Society of Adaptation Professionals
The Harder Foundation
The Kresge Foundation
The Nature Conservancy
Tongass National Forest
U.S. Fish and Wildlife Service
U.S. Geological Survey
University of Washington
USDA Forest Service
Wilburforce Foundation
Wildlife Conservation Society
WWF-Indonesia
Yale Mapping Framework

We would especially like to thank our individual donors to EcoAdapt and CAKE!
Your support means so much!

Aimee Delach
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Lily Diament-Hansen
Mike Gardner
Patrick Crist
Paul Craig
Paul Moss
Peg Bostwick
Steve Adams
Susan Nehring
Tory Stevens
Wesley Shaw

If you’d like to join the list, please visit www.ecoadapt.org and click on the Donate button today!