

# Vanishing Treasures Training Catalog

2018



# Course Progression at-a-glance

The course progression, illustrated below, describes the natural development of a historic preservation project and illustrates how VT workshops fit within each step of the preservation process.

## INQUIRY

Inquiry courses cover the basics of historic preservation and are strongly recommended for all students before taking more advanced courses. These workshops cover the concepts of Significance, Integrity, National Register of Historic Places criteria, Character Defining Features, and Secretary of the Interior's Standards in an effort to provide a foundation for understanding historic preservation in the National Park Service.

## DOCUMENTATION & INVESTIGATION

Documentation & Investigation workshops move students through the beginning steps of a preservation project. Documentation workshops focus on the ways we research historic resources and record their existing conditions in the field. Investigation workshops teach problem solving strategies for defining deterioration problems and quantifying their potential impact. Documentation and Investigation workshops are hands-on but do not include instruction on treatment options, which are covered in Treatment courses.

## TREATMENT

Treatment workshops cover the construction strategies, treatment, and conservation science of major building materials found in the American West: Wood, Masonry, and Adobe. Each material has its own specific track- students are required to complete introductory treatment workshops or their equivalent before progressing to advanced topics. Treatment workshops are hands-on and split between the classroom and the field.

## MAINTENANCE

Maintenance workshops introduce students to the methods and best practices for continued stewardship of historic resources after their preservation, including how to evaluate treatments, write and follow maintenance and lifecycle plans, and bring historic resources into asset management programs. While less hands-on than other VT workshops, students can expect to actively practice their writing and planning skills during these courses.

## SPECIAL TOPICS

A selection of special topics cover pressing issues in preservation each year. Past focus areas include preservation in wilderness, oral histories in preservation, and moisture management.

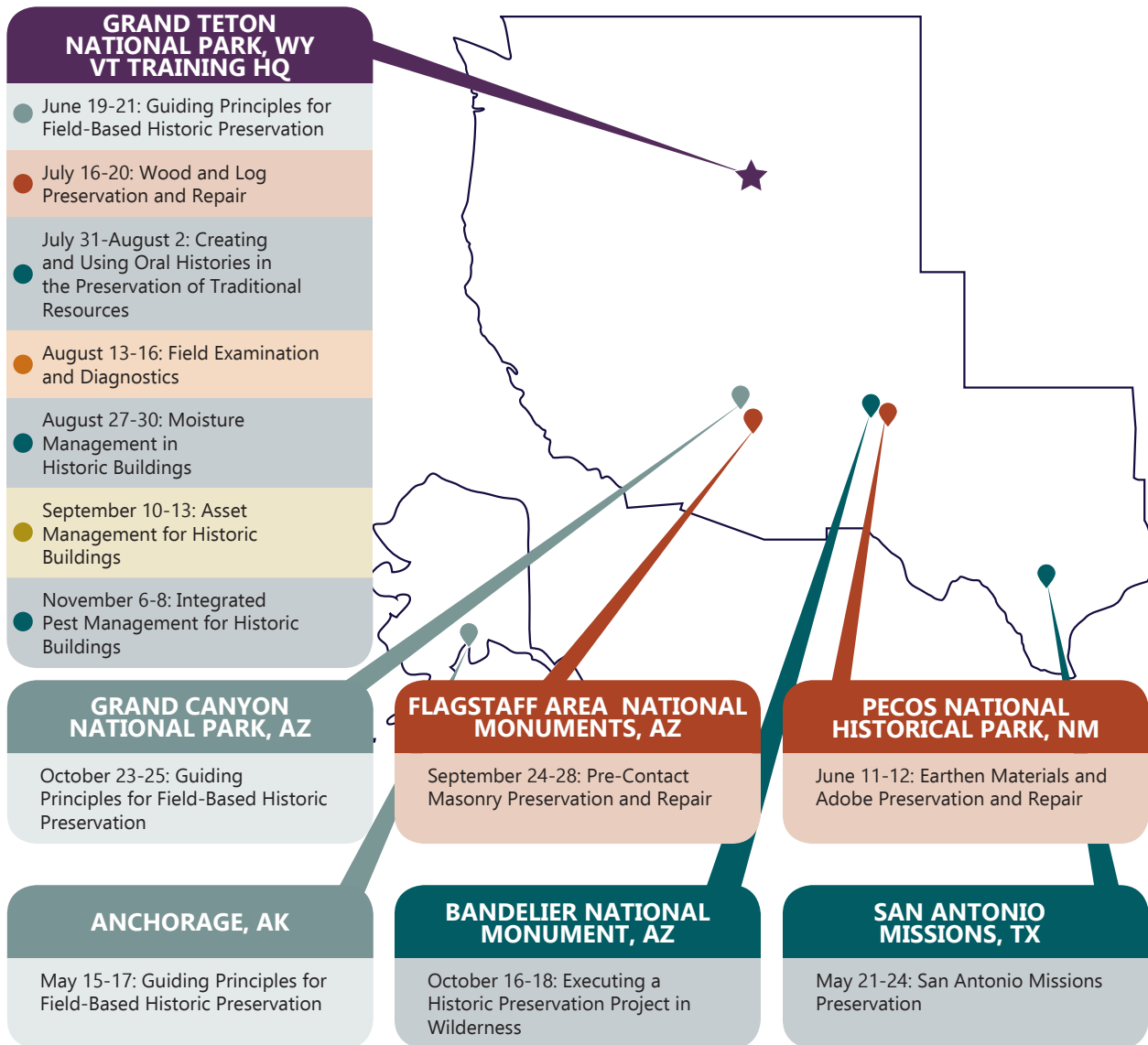
# 2018 Course Offerings

Course Title	Category	Location	Dates
Guiding Principles for Field-Based Historic Preservation		Anchorage, AK Grand Teton National Park, WY Grand Canyon National Park, AZ	May 15-17 Jun 19-21 Oct 23-26
Recording and Condition Assessment		---	Available 2019
Field Examination and Diagnostics		Grand Teton National Park, WY	Aug 13-16
Adobe Preservation and Repair		Pecos National Historical Park, NM	Jun 11-12
Pre-Contact Masonry Preservation and Repair		Flagstaff Area National Monuments, AZ	Sep 24-28
Wood and Log Preservation and Repair		Grand Teton National Park, WY	Jul 16-20
Asset Management for Historic Buildings		Grand Teton National Park, WY	Sep 10-13
Executing a Historic Preservation Project in Wilderness		Bandelier National Monument, NM	Oct 16-18
Moisture Management in Historic Buildings		Grand Teton National Park, WY	Aug 27-30
Creating and Using Oral Histories in the Preservation of Traditional Resources		Grand Teton National Park, WY	Jul 31-Aug 2
San Antonio Missions Preservation		San Antonio Missions, TX	May 21-24
Integrated Pest Management for Historic Buildings		Grand Teton National Park, WY	Nov 6-8

## COURSE KEY



# 2018 Course Locations



# About Us

## WHO ARE WE?

The Vanishing Treasures Program supports the preservation of traditionally built architecture in the American West, facilitates the transfer of traditional skills, and promotes connections between culturally associated communities and places of their heritage.

## WHAT DO WE DO?

The Vanishing Treasures Training program identifies and develops annual training opportunities for historic preservation. Trainings are offered throughout the western parks, including Grand Teton National Park at the White Grass Ranch VT training facility.

## WHO CAN TAKE A COURSE?

Courses are open to anyone who is interested: federal, state and local government employees; private sector contractors, consultants, architects and design professionals; students; non-profit employees; and homeowners.

# Interested in joining us?

To join us in the 2018 season, register using this link: <https://goo.gl/forms/CwVIugXk9I8poosi2>

For more information, contact us at: [vanishingtreasures@nps.gov](mailto:vanishingtreasures@nps.gov) or (307)739.3571.

## TUITION

Tuition for 2018 Vanishing Treasures courses is \$250 unless otherwise indicated. Tuition for students enrolled at least half time in an accredited institution is \$50. If you are a trainee attending a workshop that is held in your home park, tuition is \$25. You are not enrolled in a workshop until you have paid tuition. Because workshops fill up fast, we encourage you to register as soon as possible. Refunds are available up to 30 days before the workshop.

## PROGRAM SPONSORS AND SUPPORTERS







# Guiding Principles for Field-Based Historic Preservation

ANCHORAGE, AK | MAY 15-17

GRAND TETON NATIONAL PARK, WY | JUNE 19-21

GRAND CANYON NATIONAL PARK, AZ | OCTOBER 23-25

Blaise Davi (retired NPS), Lisa Sasser (retired NPS), & Charlie Pepper (retired NPS)

INQUIRY

Offered in partnership with the Stephen T. Mather Training Center, this workshop presents a working knowledge of historic preservation principles which inform the execution of skilled trades work on cultural resources in the field. Upon completion, participants will have a deeper understanding of how treatment decisions are developed, how resources are evaluated and how compliance, laws, and Secretary's Standards are directly connected to the work performed by trades personnel. These fundamental concepts of historic preservation provide a strong foundation for understanding the why behind the preservation work performed by field personnel, supporting successful maintenance and preservation activities, and operations on cultural resources.

This course will be split between classroom and field-based sessions, and will provide a practical education in the why's and how's of historic preservation in the NPS. Morning sessions will cover foundational preservation subject matter in the areas of Secretary's Standards, compliance, laws, and National Register criteria. Afternoon sessions will apply that subject matter directly in the field, working with resources within the park, demonstrating the direct connection between the foundational information and the hands-on work performed by trades personnel on resources.







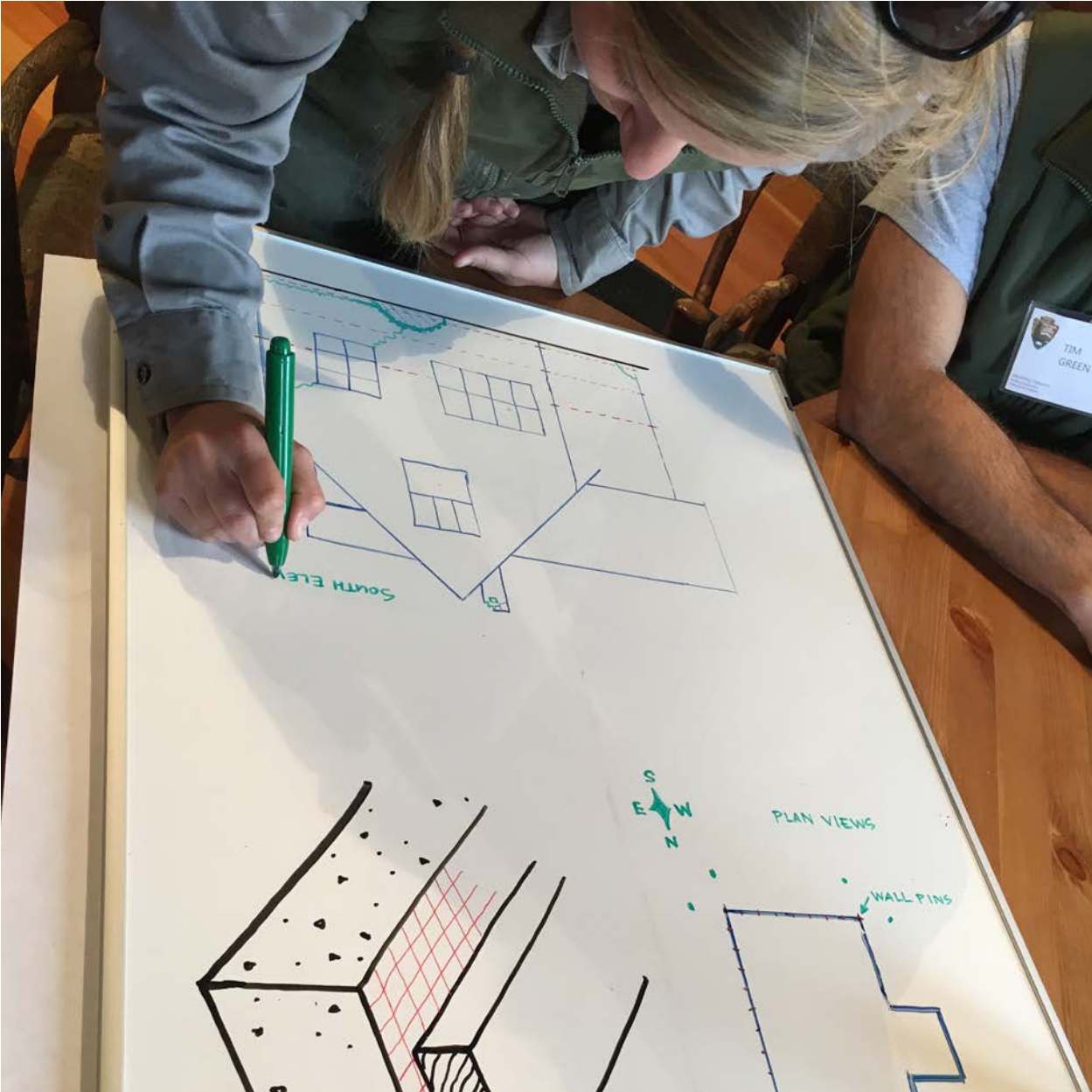
# Recording and Condition Assessment

AVAILABLE 2019

DOCUMENTATION  
& INVESTIGATION

Associated with the documentation phase of preservation projects, the Recording and Condition Assessment workshop covers the ways we research historic resources and record their existing conditions in the field. This workshop starts with a review of the purpose and use of documentation as a point of departure for historic preservation projects before moving on to research and National Register eligibility considerations. Trainees will then progress to learning about the options for physical documentation and practice recording resources in the field. The workshop will culminate with students completing a simple condition assessment, fully formatted and keyed for use by park cultural staff. Recording and Condition Assessment does not focus on the causes of condition or treatment recommendations, which are covered in subsequent workshops.

*Photo: Documentation at Mount Rainier NP in 2017.*



South Elev

PLAN VIEWS

WALL PINS

TIM GREEN

# Field Examination and Diagnostics

GRAND TETON NATIONAL PARK, WY | AUGUST 13-16

Michael Henry (University of Pennsylvania)

Field Examination and Diagnostics covers the investigation step of the preservation process. How do we meaningfully observe buildings? How do we determine if there is a problem affecting the structure? How do we measure change over time in areas we suspect? This course teaches students the observational skills and problem-solving strategies necessary for understanding the causes of deterioration in historic resources. Rather than present prescriptive diagnostic answers to common issues, Field Examination and Diagnostics encourages students to work through observed problems in small groups and hypothesize what underlying conditions may be affecting the resource and why. Trainees will also have the opportunity to design options for measuring and monitoring condition, plan for potential impacts as a result of adaptive reuse, and acknowledge common biases when diagnosing buildings. This workshop does not focus on treatment recommendations, which are covered in Treatment courses.





# Pre-Contact Masonry Preservation and Repair

FLAGSTAFF AREA NATIONAL MONUMENTS, AZ  
SEPTEMBER 24-28

Frank Matero (University of Pennsylvania)

TREATMENT

Masonry structures require careful understanding of their materials, construction methods, conditions, and environment before any intervention is performed. The masonry treatment workshop for 2018 will focus on pre-contact masonry at in the American Southwest. The training will combine classroom and hands-on field work to give trainees an effective introduction to pre-contact masonry preservation, with special emphasis on preservation at archaeological sites. Conservation science topics covered in the classroom will include basic geology, stone and mortar characteristics, and common deterioration patterns. Working with experienced archaeologists, students will have opportunities to practice reading condition in the field and discuss when it is necessary to consult professional engineers or conservators. Professional craftspeople will lead field exercises working with mason's tools to repoint mortar joints and stabilize courses.

*Photo: Masonry preservation in Haines, AK in 2016.*



# Earthen Materials and Adobe Preservation and Repair

PECOS NATIONAL HISTORICAL PARK, NM | JUNE 11-12

TBA

TREATMENT

For 2018, the Vanishing Treasures Program is partnering with the University of New Mexico, Cornerstones Inc., and INAH Mexico to offer a two-part Conservation of Earthen Materials workshop, hosted at Pecos National Historical Park. The first session, scheduled June 11-12, will cover the basics of adobe construction, preservation, and repair. Held between the classroom and the field, this session introduces students to beginning conservation science before moving on to construction techniques and basic field repair methods. A TICRAT (International Conference on the Conservation and Restoration of Earthen Architecture) is scheduled to be held during the second session, June 13-15.

TICRAT is a bi-national, hands-on workshop focused on techniques and strategies for conserving and restoring earthen architecture and components, such as adobe, lime plaster, and painted finishes. Presentations, workshops, and field trips will expand on concepts included in the first session, however, trainees are not required to attend both sessions.

The two workshops have separate registrations. Trainees will register for Session One (June 11-12) on the regular Vanishing Treasures Registration Google Form. Those interested in attending the TICRAT (June 13-15) will register through a separate site (for more information on tuition and how to register, please email Francisco Uvina, Interim Director for Historic Preservation and Regionalism, at [fuvina@unm.edu](mailto:fuvina@unm.edu), or Ramon Dorado TICRAT Coordinator, at [ramonticrat@gmail.com](mailto:ramonticrat@gmail.com)).

*Photo: Adobe preservation at Death Valley NP in 2015.*







# Wood and Log Preservation and Repair

GRAND TETON NATIONAL PARK, WY | JULY 16-20

Ron Anthony (Anthony & Associates, Inc.) & Tim Green (NPS)

TREATMENT

Log structures are some of the most versatile and enduring resources found in the American West. The five-day Wood and Log Preservation and Repair workshop covers beginning wood science and beginning log repair techniques to prepare trainees to effectively care for these iconic buildings. Using the White Grass Dude Ranch as a laboratory, students will start the workshop studying the basics of wood structures, deterioration, and field investigation methods before progressing to hands-on practice in the field. Afternoons will be spent in field sessions where trainees will have the opportunity to use traditional tools and experiment with different log repair strategies under the direction of an expert craftsman. Trainees can expect additional lectures and group discussions that explore historic log construction strategies, project planning considerations, and finish treatments.

*Photo: Wood preservation at Grand Teton NP in 2017.*



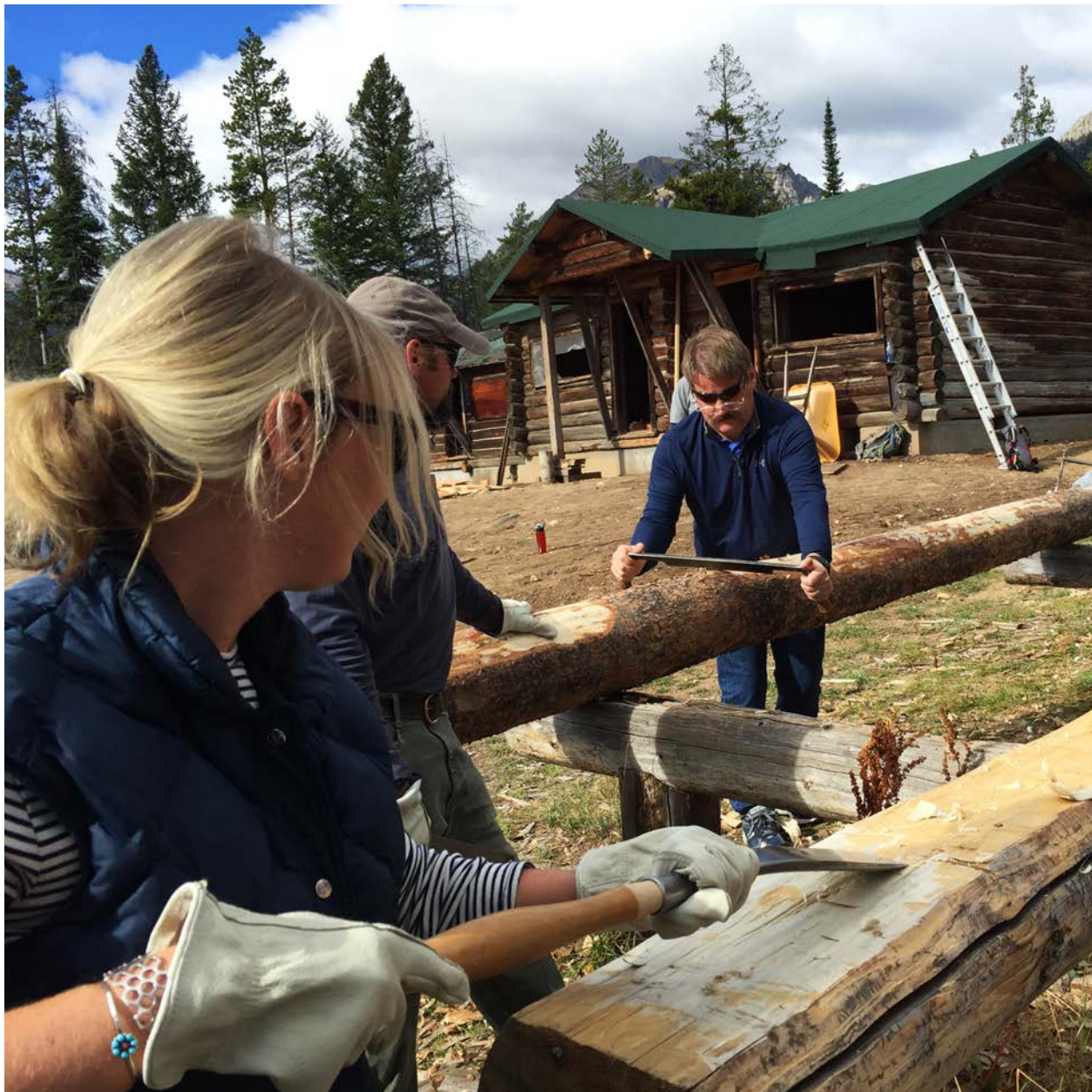
# Asset Management for Historic Buildings

GRAND TETON NATIONAL PARK, WY | SEPTEMBER 10-13

Harrison Goodall (Conservation Services, LLC), Crystal Dailey (NPS),  
& Jim Gajkowski (NPS)

Stewards of heritage structures have varying ways of managing and organizing their maintenance and conservation program. This is an umbrella workshop that brings together the content of many of the other core VT workshops into the creation of a systematic management process and program that is meant to protect, maintain and preserve the integrity, character and fabric of heritage structures. Whether a large agency like the National Park Service or state park or a local history museum with only a few buildings, all have and need an effective process for administering, controlling and directing the long-term conservation of their heritage assets. Participants will review primary components of a model management process then create the skeleton of a program and assemble data from buildings at the White Grass Dude Ranch. Day four of the workshop will be focused on how maintenance information presented in days one through three can be effectively brought into the National Park Service's facilities management monitoring systems, however, this workshop is open and relevant to all those interested in the continued management of historic resources.







# Executing a Historic Preservation Project in Wilderness

BANDELIER NATIONAL MONUMENT, NM | OCTOBER 16-18

Laura Kirn (NPS), Tim Devine (Arthur Carhart National Wilderness Training Center), & Katherine Wonson (NPS)

SPECIAL TOPICS

There is a long standing perceived conflict between cultural and wilderness laws and stewardship. To help alleviate this perception the Vanishing Treasures program has partnered with the interagency Arthur Carhart National Wilderness Training Center to develop and host Executing an Historic Preservation Project in Wilderness. Taught workshop-style, the course presents an overview of law and policy, illuminates the historical context for the pertinent court cases, showcases traditional skills often required to execute historic preservation projects in wilderness and provides an opportunity for robust discussions. With a focus on applying the Secretary of the Interior's Standards for Historic Preservation and using the Minimum Requirements Analysis, participants work through field-based scenarios. They first determine: Is the project necessary? If so, they evaluate implementation alternatives for impacts to wilderness character and determine the best course of action to minimize impacts while achieving both historic and wilderness preservation objectives. The course encourages participants to challenge their views on stewardship, and identify the common ground between cultural resources and wilderness

*Photo: Backcountry preservation at Grand Teton NP in 2015.*



# Moisture Management in Historic Buildings

GRAND TETON NATIONAL PARK, WY | AUGUST 27-30

Bill Turner (Turner Building Science & Design, LLC) & Carolyn Searls (Simpson, Gumpertz & Heger)

**AIA HSW Credits Available**

SPECIAL TOPICS

One of the leading causes of rapid deterioration in historic structures and new assemblies is water: as vapor, liquid or in solid form. This course starts with a review of building envelope, wall, and mechanical systems before moving on to moisture dynamics and the basics of air pressure, dew point, and relative humidity. Building on this foundation, the workshop will lead participants through evaluating the cause of suspected moisture damage; using vapor and air barriers; planning for potential moisture problems in adaptive reuse projects; and implementing moisture monitoring protocols. While this course is predominantly focused on moisture concerns found in the American West, participants are encouraged to bring moisture-related issues from their home regions for discussion and group problem solving. Students will also get a chance to participate in hands-on evaluations of White Grass Dude Ranch and Sky Ranch cabins using moisture meters, infrared thermometers, and humidity and dew point gauges.

*Photo: Moisture management at Grand Teton NP in 2017.*







# Creating and Using Oral Histories in the Preservation of Traditional Resources

GRAND TETON NATIONAL PARK, WY | JULY 31-AUGUST 2  
Lu Ann Jones (NPS) & Brenna Lissoway (NPS)

SPECIAL TOPICS

In this course, participants will learn how to effectively plan and implement all phases of an oral history project and will explore how interviews can help inform preservation treatment plans. Using case studies and classroom presentations, participants will gain the tools they need to gather reliable historic information through the use of the spoken word. During the first two days of the workshop students will focus on best practices for effectively preparing for an in-person oral interview. Working in small groups, students will have the opportunity during the final day of the workshop to conduct full interviews with people connected to local historic sites. Post-interview, students will receive instruction on the processing and archiving of oral history materials for future use, using case studies that include the White Grass Heritage Project.

*Photo: Oral Histories at Grand Teton NP in 2017.*



# San Antonio Missions Preservation

SAN ANTONIO MISSIONS NATIONAL HISTORICAL PARK, TX  
MAY 21-24

TBA

*\*No tuition will be charged for this workshop.*

SPECIAL TOPICS

The San Antonio Missions has the largest concentration of Spanish Colonial Architecture in the United States and was designated a World Heritage Site in July 2015. With over 250,000 square feet of masonry, predominantly soft limestone historically coated in lime plaster and painted frescoes, these almost 300-year-old structures present many preservation challenges in an increasingly harsh climate cycle of severe drought and heavy rain.

The workshop will open with a plenary evening session covering pressing topics in the preservation of Spanish Colonial structures. On day two, trainees will participate in roundtable discussions focused on data management and documentation, stone and stucco preservation, and microbial communities and moisture management. On days three and four, students will have the opportunity to explore in depth the roundtable discussion topics through all-day, hands-on field trips and exercises.

This workshop is offered in partnership with the UTSA Center for Cultural Sustainability and the Mission Heritage Partners.

*Photo: San Antonio Missions in 2017.*





# Integrated Pest Management for Historic Buildings

GRAND TETON NATIONAL PARK, WY | NOVEMBER 6-8

John Nelson (NPS) & Danielle Buttke (NPS)

SPECIAL TOPICS

This workshop provides an introduction to Integrated Pest Management, with special emphasis on pest issues in parks located in the Northern Rockies. Using resources in Grand Teton National Park as case studies, participants will learn about the inspection and diagnostics processes best suited for determining what pests are present and the extent of infestation. Time will be spent on properly addressing safety concerns and implementing mitigation measures when working in historic structures that have a proven pest problem. Trainees will become familiar with the specific considerations regarding structural pests common in greater Yellowstone Ecosystem, such as mice, bats, and swallows, and options for exclusion that remain sensitive to historic structures' integrity and comply with the Secretary of the Interior's Standards for the Treatment of Historic Properties.



# Ready to sign up?

To join us in the 2018 season, register using this link:

<https://goo.gl/forms/CwVIugXk9I8poosi2>

For more information, contact us at:

[vanishingtreasures@nps.gov](mailto:vanishingtreasures@nps.gov) or (307)739.3571.







**Vanishing Treasures**  
**Western Center for Historic Preservation**

[vanishingtreasures@nps.gov](mailto:vanishingtreasures@nps.gov)

(307) 739.3571

PO Drawer 170

Moose, WY 83012