



2024 National Order of the Arrow Conference

Session: Introduction to Sustainability

Lead Trainer Name: Ross Arnold

Contact Email: Rossarnold1213@gmail.com

Contact Phone:

Session Length: 2 hours

Session Description

This session will cover the identification and ideal removal of invasive plant species and the best practices for the minimization of harm dealt by invasive species on native plant populations; permaculture, a system of gardening where crops and animals all rely on each other for development and the designing of food forests; and how animals habitats and behaviors have changed due to outside input from human civilization and climate change.

Learning Outcomes

Outcome 1: Learn about different types of invasive plants and how to remove them.

Outcome 2: Learn about permaculture and how to implement it.

Outcome 3: Learn about how to implement projects.

Theme Connection: Seek New Heights

Our world around us is changing, and if we can find the strength inside ourselves to Seek New Heights, we can adapt our surroundings to be more sustainable for the future.

Facility and Material Needs

Facility Needs

Is this session remote delegate-compatible? Yes
(ie. can the material be engagingly taught via live stream)

Does this session need audio/video (AV) capabilities? Yes
(ie. projector)

Are there any other specific facility needs for this session? No
(ie. movable chairs, panel-style seating, etc.)

Material Needs

Material	Quantity	Source
Projector w/ AV hook up	2	NOAC Training Committee
Microphones with Speakers	1	NOAC Training Committee

Session Preparation Steps

Step 1: Have previous experience with identifying invasive species.

Step 2: Be familiar with permaculture and how to implement it.

Step 3: Have experience with planning invasive species removal projects.

Additional Staff Members

[If you are having additional trainers assist you with your session, please fill out their contact information below. Please note that due to the conference sell-out, we are limited in our ability to register additional staff members on the training committee. We recommend that your additional trainers come from contingents or other staff members that can break from their duties to facilitate the session.]

Trainer Name	Email	Phone #
Isabelle Hartline	isabellehartline.5212.824@gmail.com	
Cheryl Baylor	scoutercjbaylor@gmail.com	

Lesson Plan

Helpful Templates:

Activity

Copy and paste this box wherever you have an activity in this session!

Materials Needed: [materials]

Length of Activity: # [min]

Activity Description: [description]

Trainer Action

If at any point the trainer needs to complete an action (play a video clip, prompt questions, etc.) copy paste this box and edit this text to specify what!

Topic 1 – Permaculture and Food Forests

Slides 1 - 18

- **What are Food Forests**
- **How to Implement Them**

Topic 2 – Conservation Projects

Slides 19 - 50

- **Invasive Species**
- **Types of Projects and Resources**

Topic 3 – Planning Process

Slides 51 - 64

- **How to Plan**
- **Utilizing the ICS structure**

Appendix: Resources and Source Material

Resource	Link
Order of the Arrow, Mission & Purpose	Available online at: https://oa-bsa.org/about/mission-purpose
Lightly on the Land	https://www.mountaineers.org/books/books/lightly-on-the-land-and-the-sca-trail-building-and-maintenance-manual-2nd-edition
Introduction to ICS	https://training.fema.gov/is/courseoverview.aspx?code=is-100.c&lang=en