

Forty-Second Annual National Indian Timber Symposium

"Forests: Our Heritage from the Past, Our Legacy to the Future"

June 4 - 7, 2018



Hosted by:
Quinault Indian Nation
At the Ocean Shores Convention Center/
Quinault Beach Resort & Casino in Ocean Shores, WA

Forty-Second Annual National Indian Timber Symposium
“Forests: Our Heritage from the Past, Our Legacy to the Future”

June 4 – 7, 2018

Host: Quinault Indian Nation
Ocean Shores, WA

Welcome

“Oonugwito” – Welcome! The Quinault Indian Nation is pleased to be hosting the 42nd Annual National Indian Timber Symposium in Ocean Shores, WA. The Monday Pre-Symposium Workshops, Conference, Registration and Monday Host Tribe Icebreaker will be held at the Ocean Shores Convention Center. The Tuesday Host Tribe Dinner, Wednesday General Membership Meeting, and Thursday Annual Awards Banquet will be located at the Quinault Beach Resort and Casino. Quinault has a long-standing relationship with the Intertribal Timber Council and our hosting the symposium furthers our commitment to their cause. Come, experience first-hand a tour of over 200,000 acres of second-growth coastal rain forest, and explore what the Olympic Peninsula/Great Pacific Northwest have to offer. Lodging is available at the Quinault Beach Resort and Casino and the nearby Sweet Grass Hotel.

2018 Symposium Committee

Howard Teasley, Jr., Chairman
Nez Perce Tribe

Steve Andringa
Yakama Nation

Orvie Danzuka
Confederated Tribes
of Warm Springs

Cynthia Harbison
Quinault Indian Nation

Talya Holliday
Confederated Tribes
of Warm Springs

Jim Plampin
Quinault Indian Nation

Will Putman
Tanana Chiefs Conference

Pies Underwood
Quinault Indian Nation

Victoria Wesley
San Carlos Apache Tribe

Intertribal Timber Council Board of Directors

Phil Rigdon, President
Yakama Nation

Vernon Stearns, Jr., Vice President
Spokane Tribe

Pies Underwood, Secretary
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Leonard Two Teeth
Confederated Salish
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Rodney Cawston
Confederated Tribes of
the Colville Reservation

Charles Calica
Confederated Tribes
of Warm Springs

Kevin Lane
Hoopa Valley Tribe

McCoy Oatman
Nez Perce Tribe

Dee Randall
San Carlos Apache Tribe

Chaaiy Albert
Tanana Chiefs Conference

Monday, June 4, 2018

7:00 – 8:00 am **Pre-Symposium Workshop Registration**

Location Ocean Shores Convention Center

8:00 am **Pre-Symposium Workshops**

Fees for the optional Monday Workshops directly fund ITC's Truman D. Picard Scholarship. The Picard Scholarship Program is dedicated to the support of Native American students pursuing a higher education in natural resources.

8:00 am – 4:00 pm **Workshop 1: Traditional Cedar Bark Crafting**

Coordinator Pies Underwood, Tribal Councilperson, Quinault Indian Nation, Taholah, WA

Instructor Harvest Moon, Master Basket Weaver, Quinault Indian Nation, Tenino, WA

Location Ocean Shores Convention Center

Maximum 25

Lunch (provided)

Cedar was the sustenance of the Quinault people. It was used for long houses to live in, to build canoes for travelling, and for clothes and hats to keep the rain off them. To make it softer for wear, it was beat down. Cedar strips will be provided to the participants. Cedar has been the way of life for Quinault people to carry necessary items such as berries, water and roots. Crafts such as cedar roses, and little cedar baskets will be the goal for each participant to be able to bring one or both home.

8:00 am – 4:00 pm **Workshop 2: Forestry Operations Field Tour**

Coordinator Eric North, Harvest Manager, Quinault Indian Nation, Taholah, WA

Speakers Jim Plampin, Forest Manager, Quinault Indian Nation, Taholah, WA

Jimmy Hargrove, Jr., Silviculturist, Quinault Indian Nation, Taholah, WA

Kenny McCoy, Forest Ops. Mgr., Quinault Land & Timber Enterprise, Taholah, WA

Location Vehicles leave from the Ocean Shores Convention Center

Maximum 40

Lunch (provided)

The forestry field trip consists of a series of stops emphasizing the range of forest management activities and forest resources within the 207,000 acres Quinault Indian Reservation. Highlights will include active mechanized ground-based and high-lead timber harvesting operations and active harvest of western red cedar salvage blocks (bring a hard hat, if possible, otherwise ones will be provided). Attendees will additionally observe a range of forest development methods from site preparation, hand planting, and pre-commercial thinning. The tour will culminate with a walk-thru of the Quinault's "Canoe Stand," a grove of old-growth western red cedar, and overlooking views of the Reservation from the foothills of the Olympic Mountains. Please wear appropriate clothing for the field and anticipated weather conditions.

8:00 am – 5:00 pm	Workshop 3: Remote Automated Weather Stations (RAWS)
Coordinators	Steve A. Smith, Wildland Fire Mgmt. Specialist - Fuels Planner/Program Analyst/National RAWS Mgr., BIA, Branch of Wildland Fire Mgmt., Shawnee, OK Jim Durglo, Wildland Fire Technical Specialist, ITC Contractor, Saint Ignatius, MT
Moderator	Sam Scranton, Dep. Dir Fuels Mgmt. BIA, NIFC., Boise, ID
Speakers	Tyler Smith, Fire Weather, Forest Technology Systems, Victoria, BC Jeremy Lichtenfeld, Service Manager, Forest Technology Systems, Victoria, BC Bill England, Director of Sales, Forest Technology Systems, Victoria, BC
Location	Ocean Shores Convention Center
Maximum	40
	Remote Automated Weather Stations (RAWS) are used to support decisions affecting public and firefighter safety. The data they produce supports interagency fire danger predictions and provides critical information used in making decisions regarding firefighter resource placement, staffing levels, appropriate suppression response, and other strategic decisions at local, regional, and national levels. This workshop will include hands-on setup, operation and maintenance of RAWS to educate participants on the necessary knowledge and skills required of a RAWS station manager. Part of the workshop will be held outdoors, weather permitting. Participants should plan accordingly.
8:00 – 8:30 am	Introductions and Orientation
8:30 – 8:45	Wildland Fire Weather Station Standards & Guidelines <ul style="list-style-type: none"> • Site Selection/Relocation; Maintenance Policy; Quality Assurance
8:45 – 9:00	Break
9:00 – 10:15	Overview and Functionality of the F6 Data Logger <ul style="list-style-type: none"> • Key functions; Checking sensor readings; Site visit report; Radio transmitter setting for Quick Deploy
10:15 – 10:30	Break
10:30 am – 12:00 pm	Quick Deploy Station Hands-on Training <ul style="list-style-type: none"> • Quick Deploy Setup; Tips and tricks; Q&A
12:00 – 1:00	Lunch (provided)
1:00 – 2:30	Permanent Station Hands-on Training <ul style="list-style-type: none"> • Fixed site maintenance; Annual procedures; Checking your data
2:30 – 3:00	Break
3:30 – 4:30	What is happening in the future? <ul style="list-style-type: none"> • Switching to F6 data logger (in progress) • Quick Deploy upgrades (in progress) <ul style="list-style-type: none"> ○ Shipping procedure • New tech – remote deployable camera <ul style="list-style-type: none"> ○ 2017 fire season results and lessons learned
4:30 – 5:00	Question and Answer

8:00 am – 5:00 pm

Coordinator/Moderator

Location

Workshop 4: Forest Technology and Standing Inventory

Larry Wiechelmann, Inventory Forester, Quinault Indian Nation, Taholah, WA

Ocean Shores Convention Center

Stand based inventories are used to manage forest operations for timber production. SilviaTerra will present a way to create stand polygons and populate them with already existing data using satellite technology and their software Cruise Boost. Forest Biometrics Research Institute will present similar information using Forest Projection Systems (FPS) and traditional stand exams.

Most inventories rely on site index to maintain data over time and calculate an annual allowable cut and long-term sustained yield. How is silviculture factored into site indices and stand growth?

Phone apps are a reliable way to collect, view, and share forestry information. GPS accuracy is constantly improving and GIS apps provide low cost mapping technology to loggers, foresters, and technicians. A variety of apps and their application will be discussed, including Avenza.

8:00 – 8:15 am

Workshop Overview

Larry Wiechelmann, Inventory Forester, Quinault Indian Nation, Taholah, WA

8:15 – 10:00

Panel Discussion: Stand Based Inventory Using Cruise Boost and Satellite Information/Using FPS to Get “Wall to Wall” Inventory

Max Nova, Founder, SilviaTerra, LLC, San Francisco, CA

Zack Parisa, Founder, SilviaTerra, LLC, San Francisco, CA

James D. Arney, PhD., President, Forest Biometrics LLC, St. Regis, MT

Dan Opalach, PhD, Forest Biometrician, Opalach Forestry Consulting, Redding, CA

10:00 – 10:15

Break

10:15 – 12:00 pm

Individual Tree and Forest Growth

Site index and its role in forest management and ways to obtain a site index map for your ownership, including how to modify tree growth in models, based on silvicultural choices, without changing the underlying site index.

Dan Opalach, PhD, Forest Biometrician, Opalach Forestry Consulting, Redding, CA

12:00 – 1:00

Lunch (provided)

1:00 – 2:45

What’s New with Forestry, GIS, and Logging Apps; A Low Cost Way to Collect and Disseminate Information

Apps are changing the way forest data is collected and used in the field. An introduction for Natural Resource to learn about the rapid change of technology within forestry. Apps can be downloaded and used immediately.

Chris Schnepf, Area Extension Educator Forestry/Prof., Univ. of Idaho, Coeur d’Alene, ID

2:45 – 3:05

Break

3:05 – 4:20

Getting the most out of Avenza

View a pro-version demonstration of Avenza, the GPS/GIS app of choice among logging contractors and Timber Sale Administration Foresters.

Faith Webster, GIS Specialist, Quinault Indian Nation, Taholah, WA

Tom Curley, GIS Manager, Suquamish Tribe, Suquamish, WA

4:20 – 5:00

Question & Answer

4:00 – 7:00

Symposium Registration

5:00 – 7:00

Host Tribe Icebreaker at the Ocean Shores Convention Center

Student Research Poster Presentations

Tuesday, June 5, 2018

Moderator	Dave Bingaman, Natural Resources Dir., Quinault Indian Nation, Taholah, WA
Location	Ocean Shores Convention Center
7:00 am	Registration Opens Exhibits Open Raffle Begins
8:00 – 8:30	Opening Ceremonies Invocation Pies Underwood, Tribal Councilperson/ITC Secretary, Quinault Indian Nation, Taholah, WA Posting of the Colors Honor Guard, Quinault Indian Nation, Taholah, WA Songbirds Canoe Family, Taholah, WA Welcomes Tyson Johnston, Vice President, Quinault Indian Nation, Taholah, WA Phil Rigdon, President, Intertribal Timber Council
8:30 – 9:30	Keynote Fawn Sharp, President, Quinault Indian Nation, Taholah, WA
9:30 – 10:00	Morning Break
10:00 am – 12:00 pm	Panel 1: Forest Products/Log Forecast
Coordinator/Moderator	Vincent Corrao, President, Northwest Management, Inc., Moscow, ID
10:00 – 10:30 am	Forest Products Forecasting <p>The volatility of the price in the market place, a single price can result in much distorted perceptions and hence impede informed decision-making. The importance of the early years in any forecast (NPV and/or budget), time-value of money. The reality of the business cycle, trends have their place but understanding where you are in the cycle is key and in light of that where prices are likely to go. The capability of short-term price forecasting, many people do not try because they think it is impossible.</p> <p>Thomas B. Montzka, President, Straight Arrow Consulting Inc., Boise, ID</p>
10:30 – 11:00	Modeling the Effects of Log Price and Alternatives <p>Log prices affect both short-term and long-term investments. Discuss factors that should be considered in making decisions and identifying outcomes for investment decisions. Review land acquisitions, economic development options and monitoring log values.</p> <p>Gary Cantrell, President/CEO, Affiliated Timber Investment Conversion Advisors, Inc., Terrebonne, OR</p>

11:00 – 11:30	How Log Price and Forecasting Affects Management Planning David New, President, Growing Excellence, Boise, ID
11:30 – 12:00 pm	Question & Answer
12:00 – 1:15 pm	ITC Luncheon
1:15 – 2:15	Panel 2: Farm Bill: Reauthorization and Opportunities
Coordinator/Moderator	Dave Bingaman, Natural Resources Dir., Quinault Indian Nation, Taholah, WA
1:15 – 1:35	Legislative Current legislative status of the next five-year reauthorization of the Farm Bill. Discuss how tribes can help shape and support the Bill. Recent history of efforts to include forestry related programs in the Farm Bill and current efforts to include additional programs. Matt Hill, Information & Research Spec., Lone Rock Strategies, Washington, D.C
1:35 – 1:55	Programs and Opportunities Review Farm Bill programs and opportunities of interest to foresters and land managers. Learn where to get information and how to participate in grant opportunities. Roylene Rides at the Door, State Conservationist, USDA Natural Resources Conservation Service, Spokane, WA
1:55 – 2:15	Case Study Discuss Farm Bill programs used on the Quinault Indian Reservation for fish and wildlife improvements and other ecological services. Jim Plampin, Forest Manager, Quinault Indian Nation, Taholah, WA
2:15 – 2:45	ITC Fire Study Phase 2 Jim Durglo, Wildland Fire Technical Specialist, ITC Contractor, Saint Ignatius, MT
2:45 – 3:15	Afternoon Break
3:15 – 4:00	Host Tribe Presentation: Historical Overview Larry Workman, Communications Manager, Quinault Indian Nation, Taholah, WA
4:00 – 4:30	Host Tribe Presentation: Current Forest Management Jim Plampin, Forest Manager, Quinault Indian Nation, Taholah, WA
4:30	Adjourn
6:00 pm	Host Tribe Welcome Dinner at the Quinault Beach Resort and Casino

Wednesday, June 6, 2018

8:00 am – 4:30 pm

Quinault Indian Nation Tribal Tour

Buses depart the Quinault Beach Resort and Casino. The Tribal tour will take participants on a scenic tour of the reservation, with stops focusing on cultural uses of western redcedar, genetics in tree improvement and overall forest management. Lunch will be provided at the historic Lake Quinault Lodge. You will be experiencing the only temperate rain forest in the lower 48 states, so be sure to bring a rain jacket and wear appropriate footwear!

Point Haynisisoos Cultural Site

The cultural uses of western redcedar, “the tree of life” of the Quinault people. This site was once a U.S. Coast Guard station, decommissioned in 1979, and recently developed by the Quinault Indian Nation for the canoe journey in 2013; it overlooks the Pacific ocean and coastline. Discussion on old growth western redcedar and cultural use of western redcedar for canoes. Display of canoes and the process to build a canoe from a log. View a demonstration on how to build a western redcedar strip canoe. Participants will have the opportunity to see the beautiful Quinault Indian Reservation coastline with breathtaking vistas. Be sure to bring your camera.

Jim Plampin, Forest Manager

DeWayne Capoeman, Canoe Club Representative

Quinault Indian Nation Seed Orchard

A look at genetically improved trees established in 1978 for growth and yield and disease resistance. Participants will see trees raised in a greenhouse and in the field for cone production. Species include Douglas fir, Western hemlock and Western white pine.

Jim Hargrove, Sr., Tree Improvement Forester

Mitch Bumgarner, Tree Improvement Technician

A Mature Conifer Stand and 5-Year-Old Plantation

50-Year-Old Mature Conifer Stand

Participants will gain an understanding of the issues the Quinault Indian Nation has with a 100% allotted reservation with fractionation, survey, road use, stand management vs ownership management, the current volume and harvest plan for the stand itself (previously pre-commercial thinned in 1995). Also a brief discussion of black bear damage and control.

Eric North, Harvest Manager

5-Year-Old Plantation

Discuss reforestation practices, site preparation, species planted, inventory (1yr, 2yr, and 5yr), conifer release, next prescription for stand.

Jimmy Hargrove, Jr., Silviculturist

Matt Hartstrom, Inventory Technician

5:30 – 7:30 pm

General Membership Meeting at the Quinault Beach Resort and Casino

Thursday, June 7, 2018

Moderator	Grant Steelman, Forester, Seminole Tribe of Florida, Hollywood, FL
Location	Ocean Shores Convention Center
7:30 am	Registration Opens Exhibits Open Raffle Continues
8:00 – 8:20	ITC President’s Report Phil Rigdon, President, Intertribal Timber Council
Updates	
8:20 – 8:35	Office of Wildland Fire Jeff Rupert, Director, Office of Wildland Fire, DOI, Washington, D.C.
8:35 – 8:50	Bureau of Indian Affairs Peter Wakeland, Chief, BIA, Office of Trust Services, DFWFM, Washington, D.C.
8:50 – 9:05	Legislative Mark Phillips, Information & Research Spec., Edwards Associates, Portland, OR Matt Hill, Information & Research Spec., Lone Rock Strategies, Washington, D.C.
9:05 – 9:20	US Forest Service, Office of Tribal Relations Estelle Bowman, Assistant Dir., USDA FS, Office of Tribal Relations, Washington, D.C.
9:20 – 9:30	Workshop Introductions
9:30 – 9:40	Retire Colors Honor Guard, Quinault Indian Nation, Taholah, WA
9:40 – 10:30	Morning Break
10:30 am – 4:30 pm	Workshop 1: Fee to Trust
Coordinator/Moderator	Dave Bingaman, Natural Resources Dir., Quinault Indian Nation, Taholah, WA This workshop will provide up to date information on the process of transferring properties from a fee status to a trust or restricted fee status within reservations, adjacent to reservations and outside reservations. New rules are being developed particularly related to lands not within or adjacent to reservations.
10:30 – 11:00 am	Workshop Overview Dave Bingaman, Natural Resources Dir., Quinault Indian Nation, Taholah, WA
11:00 am – 12:00 pm	Legal Considerations Decide if land should be held in fee or trust status. Discuss current rules being developed for fee to trust process. Review tribal jurisdiction and control, including applicability to federal regulations and state taxation. Derril Jordan, Attorney General, Quinault Indian Nation, Taholah, WA
12:00 – 1:00	Lunch (provided)
1:00 – 1:40	Implementation

Review the Fee to Trust process within the Bureau of Indian Affairs.
Bill Holway, Realty Specialist, Muckleshoot Indian Tribe, Auburn, WA

1:40 – 2:20

Surveying

Discuss chain of survey, access issues, lien on preliminary title, easement of record, and potential ownership issues.

Pete Brands, Principal, Pacific Surveying & Engineering, Bellingham, WA

2:20 – 3:00

NEPA Requirements

Review NEPA requirement in fee to trust process.

Paul Pittman, Principal, Element Solutions, Bellingham, WA

3:00 – 3:15

Afternoon Break

3:15 – 4:00

Environmental Site Assessments

Discuss Phase 1 and Phase II Environmental Site Assessments, field or property review, remediation of any issues, subsurface review if required, and other issues required for acquisition of federal properties.

Kristen Burgess, Environmental Consultant, ESA Associates, Inc., Snohomish, WA

4:00 – 4:30

Workshop 1 Summary

10:30 am – 4:30 pm

Workshop 2: Project Learning Tree (PLT)

Sponsored by Sustainable Forestry Initiative

Coordinator

Don Motanic, Technical Specialist, Intertribal Timber Council, Portland, OR

Moderators

Pat Otto, PLT Facilitator, Pacific Education Institute, Olympia, WA

Julie Tennis, Coastal FieldSTEM Coordinator, Pacific Education Institute, Olympia, WA

Project Learning Tree is an award-winning environmental education program designed for teachers and other educators, parents, and community leaders working with youth from pre-school through grade 12. This workshop will provide participants experience with hands-on lessons and activities to support their forest outreach and education programs. Each participant will receive Project Learning Tree's Pre-K -8 Environmental Education Activity Guide.

10:30 – 10:40 am

Workshop Overview

10:40 – 11:10

Muckleshoot Tribe PLT Experience

Heather Druffel, North Cascades Forester, Hancock Forest Mgmt., Orting, WA

Cinnamon Bear, Traditional Foods & Medicines Teacher, Curriculum Specialist

Leslie LaFountaine-Bill, Sustainability Food Systems Educator, MAED

Willard Bill, Jr., Cultural Program Director

11:10 am – 11:30

Wabanaki Youth in Science (WaYS)

tish carr, WaYS Program Manager, Univ. of Maine, Native American Prog., Orono, ME

Alexis Ireland, WaYS Student, University of Maine, Orono, ME

11:30 am – 12:00 pm

PLT Activity: Looking at Leaves #64 and Name That Tree #68

12:00 – 1:00

Lunch (provided)

1:00 – 1:45	PLT Activity: Tree Cookies #76, Tree Factory #63, and Every Tree for Itself #27
1:45 – 2:30	PLT Activity: Trees as Habitats #22 and Tree Benefits
2:30 – 2:45	Afternoon Break
2:45 – 3:45	PLT Activity: How Big is Your Tree? #67 and How Much Carbon in Your Tree?
3:45 – 4:15	Hike through the PLT Guide
4:15 – 4:30	Workshop 2 Summary
10:30 am – 4:30 pm	Workshop 3: Future Fire – Where Are We Going?
Coordinator/Moderator	Jim Durglo, Wildland Fire Technical Specialist, ITC Contractor, Saint Ignatius, MT Wildland fire continues to be a driving force across Indian country. The number of fires, burn severity, and acres burned continue to increase year to year. Now more than ever it is essential that Indian country understands the role fire plays in maintaining healthy ecosystems, and prioritize their investments to optimize benefits and minimize unwanted fire impacts.
10:30 – 11:15 am	Workshop Overview Jim Durglo, Wildland Fire Technical Specialist, ITC Contractor, Saint Ignatius, MT
11:15 am – 12:00 pm	Future Fire Mark Finney, Research Forester, U.S. Forest Service, Missoula, MT
12:00 – 1:00	Lunch (provided)
1:00 – 1:45	Leadership Perspective on Future Fire Kim Van Hemelryck, Interim Fire Director, Wildland Fire Management, BIA, Boise, ID Mike Zupko, Executive Director, Wildland Fire Leadership Council, Monroe, GA Vernon Stearns, Jr., Fuels Manager, Spokane Tribe, Wellpinit, WA
1:45 – 2:15	Unmanned Aerial Systems (UAS) Joel Kerley, Director of Aviation and Safety, BIA, Boise, ID
2:15 – 2:30	Afternoon Break
2:30 – 3:00	National Fire Danger Rating System Steven Larrabee, Fire Planner and Data Analyst (Operations), DOI BIA, Boise, ID Matt Jolly, PhD, Research Ecologist, USFS RMRS Fire Sciences Lab., Missoula, MT
3:00 – 3:30	Avoided Costs Mark Jackson, Assistant Director Fire Use/Fuels, BIA NIFC, Boise, ID
3:30 – 4:00	UAS Demonstration Joel Kerley, Director of Aviation and Safety, BIA, Boise, ID
4:00 – 4:30	Workshop 3 Summary
4:00	Raffle Closes
4:30	Adjourn
5:00 pm	Annual ITC Business Meeting at the Ocean Shores Convention Center
7:00 pm	Annual Awards Banquet at Quinault Beach Resort and Casino

ITC appreciates the generous support of the following:



Quinault Indian Nation



BIA, DFWFM



Confederated Salish & Kootenai Tribes



Confederated Tribes of the Colville Reservation



Confederated Tribes of the Warm Springs Reservation of Oregon



Grand Portage Band of Lake Superior Chippewa



Hoopa Valley Tribe



Nez Perce Tribe



San Carlos Apache Tribe



Spokane Tribe of Indians



Tanana Chiefs Conference



Yakama Nation