

WoodTALKS™

LIVE WEBINAR AND LUNCH & LEARN SEMINARS 2024-25



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LODGES, CABINS & OFF-GRID RETREATS: designing and building with pre-fabricated Western Red Cedar interlocking systems

1 LEARNING HOUR | AIBC 1 CORE LU | AIA 1 LU | BC HOUSING 1 CPD,
INFORMAL

Description: With the global imperative to move to a low carbon economy, the way buildings are designed, manufactured, and built is a key component. In this session, we will look at the considerations for low embodied carbon and high carbon sequestering buildings, at prefabricated interlocking wood building systems and with a specific focus on lodges (e.g., cultural, golf, fishing, yoga), cabins, and off-grid retreat projects.

In particular, we will learn about the structurally durable and aesthetically beautiful material of choice: Western Red Cedar, which is sustainably sourced and processed in British Columbia. Further discussion will be around the architectural design guidelines of prefabricated interlocking building systems – perfect for building on islands, water-access lots or other remote locations, while leaving a low ecological impact.

This session will be presented by an industry professional from [Pan-Abode International Ltd.](#)

Learning Objectives:

1. Learn about the designing and building advantages of using Prefabricated Interlocking Building Systems for Lodges, Cabin and Off-Grid Retreat projects. Particular attention will be made for off-grid and remote building considerations.
2. Learn about common log wood species, the particular benefits of using Western Red Cedar– including how the wood is sustainably sourced, the machine milling process, the air- drying method, and care and maintenance.
3. Learn why we need to consider more than operating emissions for designing low embodied carbon and high carbon sequestering buildings, and why wood is the material of choice.
4. Discuss the architectural design guidelines of interlocking building system packages – including design trends and styles, thermal properties, natural settling of logs, care and maintenance, and other building materials required to complete the enclosure.