

GRADUATE STUDENT INTERNSHIP / CO-OP PROJECT FORM

PROJECT	TITLE:	Assist with Conservation Work for BC's Coastal Temperate Rainforest on Vancouver Island and the South Coast		
	LOCATION:	Victoria or Vancouver		
	TERM:	First part of 2017, full time or part time	FROM: March/April	TO: June/July
PROJECT SPONSOR	NAME:	Jens Wieting	TITLE:	Forest and Climate Campaigner
	DIVISION:	Sierra Club BC, www.sierraclub.bc.ca	BRANCH / SECTION:	
	ADDRESS:	301-2994 Douglas Street, Victoria BC V8T 4N4 (Sierra Club office address, Jens works from Vancouver)		
	EMAIL:	jens@sierraclub.bc.ca		
	PHONE:	604-354 5312	FAX:	

TOPIC OR RESEARCH QUESTION: <small>(Briefly describe the research question being addressed through this project)</small>	Assist Sierra Club BC with research, public communication and building alliances in support of science-based protection and restoration of BC's coastal temperate rainforest on Vancouver Island and the South Coast in light of climate change. Review new data, literature and reports to assess the state of the forest, forestry and develop recommendations for conservation and improved forest management.
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KEYWORDS: <small>(List key words to describe the field of study and project)</small>	Coastal temperate rainforest, biodiversity, climate change, carbon sinks, connectivity, ecological integrity, conservation biology, forest management, Ecosystem-Based Management, forestry, land use planning
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PROJECT DESCRIPTION & RELEVANCE: <small>(Provide an overview of the context for the internship and why it is important. Describe the project, its tangible, intended outcomes and the role of the student.)</small>	<p><u>Overview:</u> Forested watersheds on Vancouver Island and BC's South Coast are being heavily logged with negative impacts for wildlife habitat, water quality and availability, their carbon sink function, local economies and our collective resilience against climate change. Rainforest protection on Vancouver Island and the South Coast is inadequate, most of the productive old-growth has been logged and many of the remaining critical areas are at risk of getting logged or further fragmented. Logging regulation is ineffective at maintaining ecosystem health. The student will work closely with campaigners and other staff to develop and deliver reports and other forms of public communication to raise awareness and promote solutions.</p> <p><u>Project Details:</u> Assist Sierra Club BC with research, public communication and building alliances supporting protection and restoration of BC's coastal temperate rainforest on Vancouver Island and the South Coast in light of climate change, in particular assist with the review and integration of the following information in our public communication and outreach:</p> <p style="padding-left: 20px;">data on the increasing risk for species habitat, ecological integrity and environmental services, review of government and logging companies forestry regulation and logging proposals, review of information on economic benefits from industrial logging compared to economic costs to tourism and other economic activities, carbon and climate data, Forest Practices Board reports, Auditor General and other independent reports on forest stewardship and management</p>
Funding Requested from BRITE	\$6000

AVAILABLE FUNDING:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	IF YES, THEN LIST AMOUNT:	-
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PROJECT TYPE (Check the relevant type(s) of work to be undertaken for this internship / co-op project)			
<input type="checkbox"/>	FIELD WORK	<input checked="" type="checkbox"/>	GIS ANALYSIS (potentially if the student has the skills and interest)
<input checked="" type="checkbox"/>	RESEARCH PROPOSAL DEVELOPMENT	<input checked="" type="checkbox"/>	POLICY ANALYSIS
<input checked="" type="checkbox"/>	LITERATURE REVIEW	<input type="checkbox"/>	SURVEY DESIGN
<input type="checkbox"/>	SHORT STUDY / ASSESSMENT	<input type="checkbox"/>	MODEL DEVELOPMENT (research prioritization framework)
<input type="checkbox"/>	DATA COLLECTION	<input type="checkbox"/>	OTHER As this project evolves other type of skill/work sets may be identified. please describe:
<input type="checkbox"/>	DATA / STATISTICAL ANALYSIS		

EXPECTED DELIVERABLES: <small>(Summarize the intended project deliverables, e.g., research report, data analyzed, and presented in a spreadsheet format, etc.)</small>	Assisted Sierra Club BC with research, public communication and building alliances supporting protection and restoration of BC's coastal temperate rainforest on Vancouver Island and the South Coast in light of climate change
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<p>SKILLS NEEDED, SUPPORT AVAILABLE:</p> <p>(Summarize the key skills/capabilities needed, and the training or support available for technical components of the project)</p>	<ul style="list-style-type: none">• Knowledge of forest ecology and management in BC context would be most helpful.• Policy and forest data analysis• Excellent writing skills and understanding of public communication preferable• Computer skills --- working knowledge of all the basic programs• Ability to work in a team setting• Understanding of the science literature related to forest ecology, conservation biology and climate change• GIS/mapping expertise helpful
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