

Climate Change Adaptation Project: New Resources

The College's climate change adaptation project, undertaken in partnership with the Alberta Society of Professional Biologists (ASPB), came to a conclusion in late February with the compilation of new resources to help biology professionals incorporate consideration of climate change adaptation into their work. These three 'Climate Change Adaptation Notes' (summarized below) will be released later this spring.

***Climate Adaptation Note #1:
Perspectives, situations, and needs of
professional biologists around climate
change adaptation in Western Canada***

This resource summarizes key findings from the survey of members of the College and the ASPB, conducted in 2015 to understand the roles, experience, and perspectives of respondents.

***Climate Adaptation Note #2: Climate
data, information, and tools to support
climate adaptation of natural resource
and environmental management***

This resource directs biology professionals to data sources, information, and tools that are relevant and useful to biologists working in a variety of disciplines.

***Climate Adaptation Note #3: Ecosystem
conservation and restoration in a
changing climate***

This resource highlights papers and reports that are specifically related to climate change adaptation in the context of ecosystems and conservation, and focuses on lessons that can be learned from previous studies. 



About the Project

In partnership with the Alberta Society of Professional Biologists (ASPB), the College is undertaking a project to guide applied biology professionals in incorporating consideration of climate change adaptation into their practice. The project is fully funded by Natural Resources Canada, and the BC Climate Action Secretariat is providing advisory support. ESSA Technologies Ltd. has been contracted to provide technical expertise for the project.

This project is the College's first major climate change initiative, and follows a decision in 2014 to endorse the [Joint Statement on Climate Change](#). This statement was signed by several BC-based professional and regulatory organizations and outlines the obligations of professional and regulatory associations in defining the responsibilities of members with respect to climate change, and to support professionals in meeting them.

Phases of the Project

- > The project got underway in autumn with the selection of a focus group of applied biology professionals to provide guidance throughout the project.
- > A survey was subsequently issued to all members of the College, as well as the ASPB, to elicit information about awareness, motivation, and barriers to incorporating climate change adaptation in biological work, and to identify the most common scenarios in which biologists perceive the need to consider climate change adaptation. Some results from the survey are outlined on the previous page, and Climate Adaptation Note #1 will highlight additional findings from the survey results.
- > The survey results describing common work environment scenarios for biologists facilitated the 'filtering' of existing climate resources for potential usefulness for biologists, which are highlighted in Climate Adaptation Note #2.
- > It is anticipated that additional guidance resources on climate change will be published in the coming years.