

Abstract template for the conference “A century of national forest inventories – informing past, present and future decisions”

Abstract title:		The Swiss National Forest Inventory: statistics and mapping
Take-home message:		<i>The Swiss National Forest Inventory is a research and monitoring program with efficient and comprehensive forest information services, and research, academic education and outreach activities in the various related subject areas.</i>
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General topic, see website: <small>(please double click on the check box and activate the relevant one)</small>	<input type="checkbox"/>	Improving future NFIs by learning from the past
	<input checked="" type="checkbox"/>	NFIs today and in the future
	<input type="checkbox"/>	Cutting edge and futuristic inventory techniques and technologies
Preferred presentation form:	<input type="checkbox"/>	Oral presentation
	<input checked="" type="checkbox"/>	Poster
<i>Abstracts will be reviewed by members of our scientific committee and you will be given information on decisions in due time after the submission deadline has passed.</i>		

The Swiss National Forest Inventory: statistics and mapping

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Introduction: The field data for the first Swiss national forest inventory (lfi,ch) has been collected in the years 1983-1985. From its very beginning the inventory has been designed as a statistical inventory with permanently installed sample plots. This concept goes back to the origins and ideas of sustainable development of forests and the related need for forest inventory, the *méthode de contrôle* introduced in the years 1870 in the forests of Couvet near Neuchâtel by Henry Biolley.

Materials and methods: We emphasise on the demonstration of the various services provided by the today national forest inventory for the national and sub-national sector policy, the forest research and the public, and we illustrate why the inventory includes not only the continuous re-measurement of terrestrial plots, but also the processing of airborne remote sensing data, interview surveys with the forest service and an assessment of the forest road network.

The Swiss national forest inventory is established as a research program of the national research institute and co-funded by the national office for the environment, and the program's activities include the continuous development of the inventory and the inventory related methods, and the academic training and teaching. On the poster, we present an overview over the current research topics and recent scientific results and output.