

Georg-August-Universität Göttingen SK. Biodiv. 337: Citizen Science for Biodiversity (lecture)	3 C 2 WLH
---	--------------

<p>Learning outcome: Citizen science plays an increasing role in the biological sciences. The large amounts of data contributed by citizen scientists allow to examine patterns and processes at large scales that are difficult or impossible to cover with traditional field or experimental methods. In this lecture, university staff and invited guest lecturers provide an overview of current topics in citizen science for ecology, biodiversity and conservation. We cover the past and present of biological citizen science, volunteer recruitment and management, bias and accuracy in citizen science data, online databases for species recording incl. AI-based species identification, museums and collections, participatory and democratic citizen science and science communication.</p> <p>Core skills acquired: At the end of the course the participants will have understood opportunities and challenges of citizen science data and methods, assessed the contribution citizens can make to research and have an overview of the diversity of citizen science projects.</p> <p>This lecture complements the field studies in B. Biodiv. XX (Biodiversity recording in a digital citizen-science era).</p>	<p>Workload: Attendance time: 18 h Self-study time: 72 h</p>
--	---

<p>Examination: Written examination (90 min.) (3 C)</p> <p>Examination prerequisites: None.</p>	
---	--

<p>Examination requirements: Participants will need to be familiar with key identification features and will need to understand how to use field guides, taxonomic keys and online AI tools for identification.</p>	
--	--

<p>Admission requirements: None.</p>	<p>Recommended previous knowledge: None.</p>
<p>Language: English and German.</p>	<p>Person responsible for module: Dr. Florian Goedecke Prof. Dr. Johannes Kamp</p>
<p>Course frequency: Each winter semester.</p>	<p>Duration: 1 semester[s]</p>
<p>Number of repeat examinations permitted: Twice.</p>	<p>Recommended semester: No recommendation.</p>
<p>Maximum number of students: 100.</p>	