

Module designation	<i>Environmental and Natural Resources Economics (AGB 208)</i>
Semester(s) in which the module is taught	<i>4th semester</i>
Person responsible for the module	<i>Dr. Ir. Indra, MP</i>
Language	<i>English</i>
Relation to curriculum	<i>Compulsory module</i>
Teaching methods	<i>lecture, assignment, discussion, study case</i>
Workload	<ul style="list-style-type: none"> ▪ 100 minutes of lecture and discussion per week ▪ 120 minutes of structured tasks per week ▪ 190 minutes of independent activity per week ▪ 100 minutes of laboratory work
Credit points	<i>3 (lesson 2 and lab works 1)= 4.8 ECTS</i>
Required and recommended prerequisites for joining the module	<i>Agricultural Economics</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. <i>Able to advance knowledge on the economic theory of natural resources (fish, land, water, and forests) and climate change economics (global warming)</i> 2. <i>Able to measure the scarcity of natural resources and able to analyze costs, benefits, and social costs in the use of natural resources and the environment</i> 3. <i>Able to understand natural resource accounting for sustainable development</i>
Content	<i>This course aims to provide the conceptual and theoretical understanding of economics and natural resources and the environment (land, forest, water and soil resources) and climate change economics (global warming)</i>
Exams and assessment formats	<i>Essay, case analysis, oral presentation</i>
Study and examination requirements	<ul style="list-style-type: none"> ▪ 55% case analysis ▪ 5 % Participative Activity ▪ 5% quiz ▪ 5% coursework ▪ 15% midterm examination ▪ 15% final examination
Reading list	<ol style="list-style-type: none"> 1. <i>Suparmoko, 1997, Ekonomi Sumberdaya Alam dan Lingkungan, Yogyakarta: BPPE</i> 2. <i>Fauzi, A. 2004. Ekonomi Sumberdaya Alam dan Lingkungan, Teori dan Aplikasi. PT. Gramedia Jakarta</i> 3. <i>Agus Prijono, 2016, Rawa Tarung: Pertaruhan di Rawa Gambut Tripa</i> 4. <i>Maemunah, Siti, 2015, Mollo, Pembangunan dan perubahan iklim: Usaha rakyat memulihkan alam yang rusak, Jakarta: Buku Kompas</i>