



# MORE THAN A HUNDRED LESSON PLANS BY TROP ICSU!

We are happy to announce that we have reached an important milestone in our journey. We have crossed the mark of developing a hundred Lesson Plans in October 2020!

We are grateful to our network of partners, collaborators, teachers, educators, and climate science experts for their unwavering support and important contribution to make this possible. These Lesson Plans span across various curricula topics and are distributed across ten disciplines. They can be directly used by teachers in both physical and

**TROP ICSU LESSON PLANS**  
To Teach Topics From Your Disciplines with Climate Changer Data and Case Studies.

Examples,

- Biology
- Chemistry
- Earth Sciences
- Economics
- Environmental Sciences
- Geography
- Humanities
- Mathematics & Statistics
- Physics
- Social Science

**100+ Lesson Plans**

<b>Biology</b> CRISPR; Ecosystems; Food Webs; Plants; Insects; Psychology; Micro-organisms; Evolution; Photosynthesis; Human Health and Pandemic	<b>Chemistry</b> Carbon Chemistry; Electrochemistry; Beer-Lambert Law; Buffers; The Greenhouse Effect; Aerosols	<b>Earth Sciences</b> Atmosphere; Water Cycle; Mountains and Rivers; Glaciers; Hurricanes and Floods	<b>Economics</b> Pandemic and Economy; Opportunity Costs; Carbon abatement; Environmental Economics; Marxist Theory; Capitalism; Poverty; Shadow and Market Prices; Tragedy of Commons
<b>Environmental Sciences</b> Risks of New Pandemics; Locust Plague; Food Insecurity; Ecosystems; Carbon Cycle; Environmental Migration; Agriculture	<b>Geography</b> Landforms; Water Cycle; Heat Transport; Glaciers; Extreme Weather Events; Anthropogenic Environmental Changes; Cryosphere	<b>Humanities</b> Environmental Humanities; Understanding Climate Literature; Civilizations; Climate Refugees; Environmental Migrations	<b>Mathematics &amp; Statistics</b> Algebra, Statistics, Computational Models, Introductory Calculus, Basic Trigonometry
<b>Physics</b> Simple Harmonic Motion, Waves and Oscillations, Thermodynamics, Power and Energy, Coriolis Force, Stefan-Boltzmann Law, Blackbody Radiation	<b>Social Science</b> Gender and Climate Change, Civilizations and History, Sustainability, Social and Economic Aspects of Climate Change, Food Security, Climate Refugees		

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digital classroom setup or can be used with proper customization as per the local context.

We welcome contributions to this collated suite of educational tools.