

Module 1 topic 3

Environmental Protection

The module the topic is included in	Basics of Aviation
Schedule and additional information	Schedule shall be provided as a separate document
Format of studies	Lecture, group work, independent work with materials
Language(s) of instruction	Estonian, English
Lecturer(s)	Signe Vanker
Volume	2 academic hours
Goal	The aim of the sessions is to give the participants an overview of the negative impact of aviation activities on environment, and to teach how to avoid from or prevent these hazards
Topics / content of module	<ul style="list-style-type: none">• Negative impact of aviation activities on environment and people;• Aviation noise. Normative documents on aviation noise. Detrimental impact of noise pollution. The basic methods for noise mitigation;• Aviation emissions;• Measures to prevent and reduce the environmental damage caused by aviation activities.
Learning materials and additional information	<ol style="list-style-type: none">1. PowerPoint presentation in Moodle environment.2. Tapio Lahti. Keskkonnamüra hindamine ja müra leviku tõkestamine. Ökokratt. Tallinn, 2010. 122 lk.3. Jon C. Goodman. Aviation and the Environment. New York, 2009. 515 pp.