



Report on defence of dissertation thesis

Academic year: 2023/2024

Student's name and surname: Aysan Badraghi
Student's ID: 29075553

Type of the study programme: doctoral
Study programme: Environmental Science
Study ID: 718170

Title of the thesis: Carbon exchange between soil, vegetation and atmosphere in ecosystems under anthropogenic pressure

Thesis department: Institute for Environmental Studies (7500)

Language of the thesis: English

Language of defence: English

Supervisor: prof. Mgr. Ing. Jan Frouz, CSc.

Reviewer(s): Mgr. Ladislav Šigut, Ph.D.

Ing. Jakub Černý, Ph.D.

Date of defence: 24.09.2024 **Venue of defence:** Praha
Attempt: regular

Course of the examination: Minutes
From the meeting of the committee for the defence of the doctoral dissertation of Aysan Badraghi: " Carbon exchange between soil, vegetation and atmosphere in ecosystems under anthropogenic pressure" in the field of Environmental Sciences.

Place and date of the meeting:

The committee met on 24.9.2024 at 12:00 p.m. in the library of the Institute of Environmental Sciences, Benátská 2 (see attached attendance list).

Agenda:

- 1) Introduction of the applicant, acquaintance of the committee with the CV, course of studies, publications.
- 2) Presentation of the dissertation of Aysan Badraghi presented the results of her thesis in a standard form. The lecture lasted 20 minutes.
- 3) The opinions of the opponents were read before the committee in full and were supplemented with additional observations and remarks that allowed the committee members to form a sufficient picture of the pros and cons of the submitted dissertation.
- 4) Discussion of comments arising from the opinions of Aysan Badraghi responded to the questions, objections and remarks formulated by both opponents in the opinions and in the subsequent debate.
- 5) During general discussion the members of the committee raised a number of additional questions and comments about the candidate (see discussion notes). The questions and comments were satisfactorily answered.
- 6) During the closed session, the committee considered all aspects of

the thesis and the oral defense in a detailed discussion.

7) Voting - Committee members voted by secret ballot. The overall result was in the affirmative (see ballots and attached voting record)

8) Conclusion of the meeting Committee members, the candidate and guests were informed of the results of the secret ballot. The Chair of the committee concluded the meeting with a motion to award the Ph.D.

Opinion:

The committee recommended the submitted thesis as a dissertation and the award of the degree of "Doctor" (Ph.D.) in Environmental Science to the applicant.

On 24.9.2024

Prof. RNDr. Tomáš Cajthaml, Ph.D., DSc.

Result of defence:	pass (P)
Chair of the board:	Cajthaml Tomáš, prof. RNDr., Ph.D. (present)
Committee members:	Borůvka Luboš, prof. doc. Ing., Dr. (present)
	Frouz Jan, prof. Mgr. Ing., CSc. (present)
	Hruška Jakub, prof. RNDr., CSc. (present)
	Matějček Luboš, Ing., Ph.D. (present)
	Reif Jiří, prof. Mgr., Ph.D. (present)
	Šarapatka Bořivoj, prof. Ing., Dr., CSc.