

Report on Bachelor Thesis

Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague

Student:	Ladislav Tvarůžek
Advisor:	Ing. Jan Brůha, PhD.
Title of the thesis:	Modely ekonomického růstu a Environmentální Kuznětsova křivka

OVERALL ASSESSMENT:

The author of the Bachelor Thesis focuses on the relationship between the economic growth and the environment. In the first part of the Bachelor Thesis three growth models with environmental constraints are presented; the author describes their assumptions, behaviour and implications. Second part provides an introduction into the theory of the Environmental Kuznetz Curve (EKC); the author describes the theoretical underpinnings, provides an overview of the abundant empirical literature and concludes with an outline of the often criticised shortcomings of the EKC. Based on the first two parts of the Bachelor Thesis, the author runs computer simulations analyzing the impact of economic growth on the environment.

I believe that the Bachelor Thesis more than meets all criteria for bachelor theses. The author selects an empirically often analyzed concept of the EKC but links it to the macroeconomic growth models with environmental constraints. The author reviews abundant literature on the topic and builds on it well in his own analysis. The author demonstrates full understanding of the models and a good command of the models in their presentation as well as computer simulations, despite the fact that the growth models are given their complexity subject of the master macroeconomics and econometrics curriculum rather than the bachelor one.

In terms of the form of the Bachelor Thesis, the thesis is well structured and uses appropriate language and style. I would prefer the author to leave out the section on the distinction between environmental economics and ecological economics from the introduction part and mention it further on in the thesis, e.g. in the first chapter. Otherwise, the introduction part is rather fragmented and not well focused. Also, a list of abbreviations would help given that abbreviations are not always explained in the text. The author should have also checked for references as not all are listed in the list of literature used. These shortcomings are, however, negligible and could be easily mitigated.

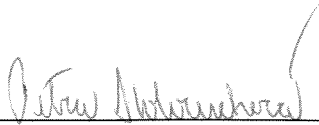
Overall I recommend the highest grade for the Bachelor Thesis.

SUMMARY OF POINTS AWARDED:

CATEGORY	POINTS
<i>Literature</i> (max. 20 points)	19
<i>Methods</i> (max. 30 points)	29
<i>Contribution</i> (max. 30 points)	26
<i>Manuscript Form</i> (max. 20 points)	19
TOTAL POINTS (max. 100 points)	93
GRADE (1 – 2 – 3 – 4)	1

NAME OF THE REFEREE: Petra Kolouchová

DATE OF EVALUATION: 1 September 2010



Referee Signature