

First IIASA Mini-Workshop on Green Growth Modeling
Advanced Systems Analysis (ASA) and Risk and Resilience (RISK) Programs

Organizers: Asjad Naqvi & Elena Rovenskaya

Date: 26th July, 2017
Time: 14:00 – 18:00
Venue: Gvishiani Room, IIASA

14:00 – 14:15 Introduction

14:15 – 15:15 Session 1

Emission Permit Trading with Global Externality Problems
Tapio Palokangas

The Social Cost of Carbon Dioxide - Mitigating Global Warming Whilst
Avoiding Economic Collapse
Christopher Kellett

15:15 – 15:30 Coffee break

15:30 – 16:30 Session 2

A three-phase model of climate change mitigation
Willi Semmler, Elena Rovenskaya, Julia Puaschunder, and Sergey Orlov

Optimal Control of “Deviant” Behavior
Gustav Feichtinger

16:30 – 16:45 Coffee break

16:45 – 17:45 Session 3

Climate financial bubbles: How market sentiments shape the transition to low-
carbon capital
Emanuele Campiglio

Could governments support the green transition by phasing out fossil fuels
subsidies? A Stock-Flows Consistent model approach
Irene Monasterolo, Marco Raberto