Block Seminar in Risk Management and Assessment of Catastrophic Losses

Instructor: Dr. Sevtap Kestel

First Meeting: April 30, 2009, 15:00-17:00, HS 00 019/20 Hermann-Herder Str. 9

Short Description:

This seminar is intended to discuss selected topics related to risk management and assessment of catastrophic losses. The basic principles and literature will be covered by instructor in series of lectures as scheduled below.

The seminar topics are grouped into four parts:

- Risk management in social, economical and governmental aspects,
- Risk measures and its quantification,
- Assessment of catastrophic risk and its impact on economies,
- Determination of the market instruments, and the quantification of catastrophic risks.

Each participant is expected to have the good understanding of the paper assigned, write a term paper and present his or her findings. The references provide an introduction to the topics. Students writing a term paper are also expected to find further relevant references on their own. Students may withdraw the seminar until May 25, 2009. Failing to do so results in 'failed' from the course.

Participants: IMP students (second year) and Diploma Students (Hauptstudium)

Credit Points: 4 CP

Requirements

i) Prepare a proposal (max. three pages) to be submitted on May 25, 2009.
ii) Writing a term paper in English (max. 15-20 pages) to be submitted on July 1, 2009.
iii) Presentation and discussion of the seminar paper and a summary (abstract) for other participants on July 8 and July 10, 2009.
iv) Active participation during the presentation of other students.
v) Attendance to the meeting, all lectures and block seminars.

Registration

The number of participants is limited to the references given. Each student will be allocated to one topic. The allocation of the topics will be announced during the first meeting on April 30, 2009.

The preliminary registration to the seminar requires the submission of the form with two choice of references. The form should be returned to the Institute Office, Room 2309 (Ms. Hupfer) latest by April 15, 2009. A copy of the form also should be emailed to the instructor. If the number of sign ups exceeds the capacity for the seminar, preference will be given to senior students in need of seminar to finish their studies.
### Important Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Time</th>
<th>Place</th>
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<tbody>
<tr>
<td>April 15</td>
<td>Submission of the registration form</td>
<td>13:00-16:00</td>
<td>Ms. Hupfer</td>
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<tr>
<td>April 30</td>
<td>First meeting, Allocation of topics</td>
<td>15:00-17:00</td>
<td>HS 00 019/20 Hermann-Herder Str. 9</td>
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<tr>
<td>May 5</td>
<td>Lecture 1</td>
<td>15:00-17:00</td>
<td>HS 3118, KGIII</td>
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<td>May 14</td>
<td>Lecture 2</td>
<td>15:00-17:00</td>
<td>HS 00 019/20 Hermann-Herder Str. 9</td>
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<td>May 25</td>
<td>Submission of Proposal</td>
<td>14:00-16:00</td>
<td>Room 2307, KGII</td>
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<td>Last day of withdrawal</td>
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<tr>
<td>July 1</td>
<td>Submission of term paper</td>
<td>14:00-16:00</td>
<td>Room 2307, KGII</td>
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<td>July 8</td>
<td>Block seminar –Part I</td>
<td>8:00-18:00</td>
<td>Sitzungsaal, Wilhemstr. 26</td>
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<td>July 10</td>
<td>Block Seminar- Part II</td>
<td>8:00-18:00</td>
<td>HS 3118, KGII</td>
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### Downloads
- Registration Form
- Literature references
Topic I: Risk Management practices


Topic II: Quantitative Risk measures


Topic III: How to assess catastrophic risk and determine its impact on economies?


**Topic IV: How to quantify catastrophic risk and determine its market instruments?**

