WS 2012/13 Geologie Prof. Wagner

**67301 Geological Hazards - Seminar**

***New Technologies***

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|  | **Topic** | **Speaker** | **Date** |
| 1. | Exploitation of Shale Gas | Lambertucci | 16.01.13 |
| 2. | **Geothermal Energy** |  |  |
|  | Surface Geothermal Energy (Heat pump) | Marx | 16.01.13 |
|  | Deep Geothermal Energy | Mokrala | 16.01.13 |
|  | Environmental Impact of Geothermal Energy | Rilling | 16.01.13 |
| 3. | Nanoparticles | Jin | 16.01.13 |
| 4. |  |  |  |
| 5. |  |  |  |

***Global Climate Change***

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|  | **Topic** | **Speaker** | **Date** |
| 1. | **Sea Level Rise** |  |  |
|  | Main factors of Sea Level Rise | Minka | 23.01.13 |
|  | Past, Recent and Future | Wang | 23.01.13 |
| 2. | **Permafrost** |  |  |
|  | Extent of Permafrost | T. Ruf | 23.01.13 |
|  | Construction on Permafrost | Leimbrock | 23.01.13 |
| 3. | **Landslides** |  |  |
|  | Pleistocene/Holocene | Zinser | 23.01.13 |
|  | Landslides: today and future | K. Ruf | 23.01.13 |
| 4. | Countermeasures | Hientgen | 30.01.13 |
| 5. | **Carbon Capture and Storage** |  |  |
|  | General CCS Process | Weis | 30.01.13 |
|  | World Wide Projects | Buchner | 30.01.13 |
|  | CO2 Storage capacity for Germany | Deumeni | 30.01.13 |

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***Alpine Orogeny***

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|  | **Topic** | **Speaker** | **Date** |
| 1. | Alps | Höhbauer | 30.01.13 |
| 2. | Eastern Alps | Safarov | 30.01.13 |
| 3. | Ötztal-Kristallin /  Nördliche Kalkalpen |  | 30.01.13 |
| 4. |  |  |  |
| 5. |  |  |  |
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***Volcanism in Germany***

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|  | **Topic** | **Speaker** | **Date** |
| 1. | **Eifel Hot Spot** |  |  |
|  | Extent and Activity | Pape | 06.02.13 |
|  | Hazards and Monitoring | Reck | 06.02.13 |
| 2. | Upper Rhine Valley  (Kaiserstuhl-Vogelsberg) | Schultz | 06.02.13 |
|  | Upper Rhine Valley  (Kaiserstuhl-Vogelsberg) | Mitze | 06.02.13 |
| 3. | Swabian Alb / Hegau |  | 06.02.13 |
| 4. |  |  |  |
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***Mass extinctions***

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|  | **Topic** | **Speaker** | **Date** |
| 1. | ME in Earth History | Hewer | 13.02.13 |
| 2. | Causes for ME | Ullrich | 13.02.13 |
| 3. | Triassic/Jurassic ME | Koperskova | 13.02.13 |
| 4. | Messel | Lumbab | 13.02.13 |
| 5. |  |  |  |
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