SATURDAY 21ST

PRE-CONGRESS SHORT COURSES

Groundwater spreadsheets for solving flow, pollution, and environmental problems
Room B.1.1.

08:30 - 09:00 Welcome, reception and opening of the course
09:00 - 10:30 Lecture
10:30 - 11:00 Coffee break
11:00 - 12:30 Lecture
12:30 - 14:00 Lunch*
14:00 - 16:00 Lecture
16:00 - 16:30 Coffee break
16:30 - 19:30 Lecture

XII training course on karst hydrogeology "HYDROKARST"
Room B.2.10.

08:30 - 09:00 Welcome, reception and opening of the course
09:00 - 10:30 Lecture
10:30 - 11:00 Coffee break
11:00 - 12:30 Lecture
12:30 - 14:00 Lunch*
14:00 - 16:00 Lecture
16:00 - 16:30 Coffee break
16:30 - 18:30 Lecture

Pre-congress Courses Venue
Research building Ada Byron
Arquitecto Francisco Peñalosa, 18
29010 Málaga

* Sunday lunch restaurant in:
Faculty of Social Studies
Av. Francisco Trujillo Villanueva, s/n
29001 Málaga
## Sunday 22\textsuperscript{nd} Pre-congress Short Courses

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>Welcome, reception and opening of the course</td>
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<td>09:00 - 10:30</td>
<td>Lecture</td>
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<td>16:30 - 18:00</td>
<td>Lecture</td>
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<td>18:00</td>
<td>Move to the Congress Venue</td>
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### Karsys: Applied and Innovative Methods for the Management of Karst Environment

- **Room A.0.1.**
  - 09:00 - 10:30 Lecture
  - 10:30 - 11:00 Coffee break
  - 11:00 - 12:30 Lecture
  - 12:30 - 14:00 Lunch
  - 14:00 - 16:00 Lecture
  - 16:00 - 16:30 Coffee break
  - 16:30 - 18:00 Lecture

### XII Training Course on Karst Hydrogeology "Hydrokarst"

- **Room B.1.1.**
  - 09:00 - 10:30 Lecture
  - 10:30 - 11:00 Coffee break
  - 11:00 - 12:30 Lecture
  - 12:30 - 14:00 Lunch*
  - 14:00 - 16:00 Lecture
  - 16:00 - 16:30 Coffee break
  - 16:30 - 18:00 Lecture

*Sunday lunch restaurant in:
Research building Ada Byron
Arquitecto Francisco Peñalosa, 18
29010 Málaga

**Pre-congress Courses Venue**
Research building Ada Byron
Arquitecto Francisco Peñalosa, 18
29010 Málaga