



Professional tour ECPA 2015 (16.7.2015)

6:30 Departure from Tel-Aviv to Ramat-Hanadiv

8:30 – 11:00 Tour in [Ramat Hanadiv](http://www.ramat-hanadiv.org.il/en) at the southern end of Mount Carmel

Ramat Hanadiv plays a leading role in the management of natural and cultural resources based on sustainable interactions between man, nature and the environment, and encourages understanding and appreciation of this ideal.

To fulfil this mission, we invest great effort in innovative management, scientific research, environmental education, and invite visitors to enjoy the Memorial Gardens, the Nature Park and the Visitors Pavilion.¹



In the tour²:

- The film “Beyond the Gardens”,
- Green building,
- Sustainable gardening,
- Sheep shed and compost site,
- Long-term research plots,
- Wheat field (with minimal human intervention),
- Remote sensing research tower for climate change monitoring, and
- The vulture acclimatization trail.

¹ <http://www.ramat-hanadiv.org.il/en>

² As we will be divided into 4 groups each group will enjoy different station.



11:30 – 14:00: Field demonstrations in Kibbutz Megiddo

- Aerial imaging campaign with UAV
- Force-A optical sensors in olive trees
- Thermal imaging in Olives
- Auto-steering combine
- Precise mechanical weeding
- GreenSeeker applications
- Progressive Penetrometer
- A research Agricultural Robot

14:00 – 15:00: Lunch at Kibbutz Dalia

15:30-17:30 A tour to the Muhraka on the SE tip of Mount Carmel

The views from the Horn of the Carmel at the southern part of the Carmel are breathtaking; they include the landscapes of the Jezreel Valley (also known as the valley of Armageddon) and the Galilee.³



The Carmel Foundation, known in Arabic as al Muhraka, stands for "Monastery of the place of burning." Elijah confronted the prophets of Baal, an ancient deity, and challenged him to a test of faith – wherein the god that accepted either of their individual sacrifices, with fire, would be considered the true god. According to tradition, only Elijah's sacrifice was accepted by God, when fire came down from heaven and enveloped the bull Elijah had sacrificed. Following this biblical event, Mount Carmel was called "Jabal Mar Elias", which means Mount of St. Elijah, in Arabic.⁴



19:30 Arrival to Tel-Aviv

³ http://www.tiuli.com/track_info.asp?lng=eng&track_id=56

⁴ The text and the pictures are from: <http://www.israel-travel-ideas.com/Muhraka.html>