



Online history of grazing routes to remember and improve routes

**Need/issue:** Grassland and grazing management

**Aim:** Improve grazing routes, remember points of interest in the grazing routes, remember best grazing grounds for next year, cooperate with other farmers grazing in the same region.

**How to implement:**

- GPS technology can be utilised through commercial animal tracking equipment or a smartphone on the farmer accompanying the animals.
- The routes can be transferred to online maps and combined with different flocks.



**Description:**

- Documenting and logging grazing routes and spots can be an important tool to improve both the herds productivity as well as the sustainable management of the grazelands.
- In areas grazed by several flocks sometimes it is very difficult to communicate a common management of grazing areas.
- Modern, low cost and easily accessible equipment can be used to visualize and manage grazing routes and areas.





### Expected benefits:

Better grazing management, improved grazing areas, multi-flock management and cooperation.

Each farmer can pinpoint locations of interest on their route, such as water sources, resting areas, possible dangers and areas with good vegetation.

### Prerequisites and/or limits:

The farmer's basic understanding of the technology used could be a limit but can be easily taught.

A smartphone with GPS technology is required, which is common even on the cheapest ones.

**Country:** Greece

**Dairy or/and meat sheep:** Meat and dairy sheep

**Category of Animal (ewe, replacement, lamb):**  
All

### Topic:

- Health
- Nutrition
- Management

### Level of solution:

- Knowledge
- Practical

### Source of information:

<https://academic.oup.com/tas/article/2/1/81/4824982>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6567337>