

| INFORMATION ABOUT THE PERSON FILLING THE FORM               |                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name and family name                                        | <i>Panagiotis Michopoulos</i>                                                                                                                                                                                                                                                                                                                         |
| Research organization                                       | <i>Institute of MEDITERRANEAN Forest Ecosystems and Forest Products Technology – Hellenic Agricultural Organization “DEMETER”</i>                                                                                                                                                                                                                     |
| Position in the organization                                | <i>Researcher</i>                                                                                                                                                                                                                                                                                                                                     |
| Country                                                     | <i>Greece</i>                                                                                                                                                                                                                                                                                                                                         |
| E-mail                                                      | <i>mipa@fria.gr</i>                                                                                                                                                                                                                                                                                                                                   |
| EXPERIMENTAL SITE <sup>1</sup>                              |                                                                                                                                                                                                                                                                                                                                                       |
| Name of the site                                            | <i>(Original language and English translation): Βαρετάδα – Varetada (plot 1), Όσσα Λάρισας – Ossa mountain (plots 2 &amp; 3), Άγιος Νικόλαος – Timfristos mountain (plot 4)</i>                                                                                                                                                                       |
|                                                             | <i>URL address</i>                                                                                                                                                                                                                                                                                                                                    |
| Location of the site                                        | <i>Greece:</i>                                                                                                                                                                                                                                                                                                                                        |
|                                                             | <i>UTM coordinates: Latitude/Longitude:</i>                                                                                                                                                                                                                                                                                                           |
|                                                             | <i>Plot 1: +38° 50' 46" / +21° 18' 18"</i>                                                                                                                                                                                                                                                                                                            |
|                                                             | <i>Plot 2: +39° 47' 08" / +22° 47' 38"</i>                                                                                                                                                                                                                                                                                                            |
|                                                             | <i>Plot 3: +39° 47' 52" / +22° 46' 38"</i>                                                                                                                                                                                                                                                                                                            |
|                                                             | <i>Plot 4: +38° 52' 28" / +21° 51' 57"</i>                                                                                                                                                                                                                                                                                                            |
| Start date                                                  |                                                                                                                                                                                                                                                                                                                                                       |
| Characteristics of the forest ecosystem where it is located | <i>Most relevant features:<br/>Plot 1, maquis vegetation, soil derived from flysch,<br/>Plot 2, oak trees, soil derived from metamorphic rock,<br/>Plot 3, beech trees, soil derived from metamorphic rock,<br/>Plot 4, fir trees, soil derived from flysch</i>                                                                                       |
| Keywords                                                    | <i>Maquis, fir, beech, nutrient cycling, forest hydrology, meteorology, forest growth</i>                                                                                                                                                                                                                                                             |
| Scientific characteristics                                  | <i>Scientific objectives: to assess nutrient cycling, forest hydrology, forest growth, meteorology, biodiversity and the relation among ecological parameters.</i>                                                                                                                                                                                    |
|                                                             | <i>Interest for users: forest ecologists</i>                                                                                                                                                                                                                                                                                                          |
|                                                             | <i>Particularities in comparison to others sites: none</i>                                                                                                                                                                                                                                                                                            |
|                                                             | <i>Research projects in the frame of which the experimental site is used (include web site address): in the past FutMon project (national <a href="http://www.ypeka.gr/Default.aspx?tabid=543">http://www.ypeka.gr/Default.aspx?tabid=543</a>, international <a href="http://www.futmon.org">http://www.futmon.org</a>) and now national projects</i> |
| Technical characteristics                                   | <i>Detailed description (including instrumentation): The sites have been equipped with field data collectors. From 2012 deposition and soil solution are not collected from plots 2 and 3.</i>                                                                                                                                                        |
|                                                             | <i>Measured parameters:</i>                                                                                                                                                                                                                                                                                                                           |
|                                                             | <b>Activities carried out in the experimental (Level II) plots</b>                                                                                                                                                                                                                                                                                    |
|                                                             | <ol style="list-style-type: none"> <li>1. Crown assessment and tree vitality in all 4 plots</li> <li>2. Meteorology in all 4 plots</li> <li>3. Deposition measurements in all 4 plots</li> <li>4. Harmonization of deposition measurements in the maquis plot</li> </ol>                                                                              |

<sup>1</sup> Note: This information could be published in the webpage of FORESTERRA.



# FORESTERRA

Enhancing FOrest RESearch in the MediTERRAnean through improved coordination and integration



|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ol style="list-style-type: none"> <li>5. Soil solution measurements in all 4 plots</li> <li>6. Foliage collection in all 4 plots</li> <li>7. Ground vegetation assessment in all 4 plots</li> <li>8. Ground vegetation collection in all 4 plots</li> <li>9. Litterfall collection in all 4 plots</li> <li>10. Soil collection in all 4 plots</li> <li>11. Forest growth in 3 plots (apart from the maquis plot)</li> <li>12. Phenology assessment in all 4 plots</li> <li>13. Leaf Area Index measurements in 3 plots (apart from the maquis plot)</li> <li>14. Assessment of ozone damage to leaves in all 4 plots</li> <li>15. Soil ambient air quality measurements in all 4 plots</li> <li>16. water release characteristics in all 4 plots</li> <li>17. Soil moisture and temperature measurements in all 4 plots</li> </ol> <p><i>If there is any file, map or images relevant about this infrastructure, please attach them (indicating here the name of the file).</i></p> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE INFRASTRUCTURE**

|                                       |                                                                      |
|---------------------------------------|----------------------------------------------------------------------|
| <b>Principal investigator</b>         | <i>Name and e-mail address: Panagiotis Michopoulos, mipa@fria.gr</i> |
| <b>One additional line per person</b> | <i>Name and e-mail address</i>                                       |

**ADMINISTRATIVE INFORMATION**

|                                                                          |                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Availability for participating in mutual measurements</b>             | <p><i>Yes or No : YES</i></p> <p><i>If yes, Name and e-mail address of the contact person: Panagiotis Michopoulos, mipa@fria.gr</i></p> <p><i>Conditions or Policy of use: common projects</i></p>                                |
| <b>Availability for accessing the data collected</b>                     | <p><i>Yes or No : YES</i></p> <p><i>If yes, Name and e-mail address of the contact person: Panagiotis Michopoulos, mipa@fria.gr</i></p> <p><i>Conditions or Policy of use: Common projects</i></p>                                |
| <b>Institution that manages the site</b>                                 | <p><i>Name (Original language and English translation): Institute of MEDITERRANEAN Forest Ecosystems and Forest Products Technology – Hellenic Agricultural Organization “DEMETER”</i></p> <p><i>URL address: www.fria.gr</i></p> |
| <b>Institution that manages the data</b>                                 | <p><i>Name (Original language and English translation): Institute of MEDITERRANEAN Forest Ecosystems and Forest Products Technology – Hellenic Agricultural Organization “DEMETER”</i></p> <p><i>URL address: www.fria.gr</i></p> |
| <b>Is the site participating in a national or international Network?</b> | <p><i>Name (Original language and English translation): ICP – Forests network</i></p> <p><i>URL address</i></p>                                                                                                                   |
| <b>Is the site open for transnational collaboration?</b>                 | <i>Conditions: Yes it is open for common projects</i>                                                                                                                                                                             |