ReSurveyEurope

Project Metadata Form

When contributing data to ReSurveyEurope, please fill in this form for each resurvey project and send it to Ilona Knollová (ikuzel@sci.muni.cz) together with the database. A resurvey project is understood as repeated sampling of a certain type of vegetation in a certain study area using specific methods.

- PROJECT NAME (identical with the Resurvey Project name given in the database):

  Dune afforestation TR

- FULL PROJECT NAME (use if the full project name is longer than used in the database):

- REFERENCE (publication or URL or DOI of the dataset if published online):

  Unpublished literature data.
  (Atmaca, F. (2004). The determination of effect of tree species and their top covered to dune vegetation in dune afforestation studies. Masters Thesis, Department of Landscape Architecture, Cukurova University).

- DATA OWNER: person(s), institution(s):

  Behlül Güler, Dokuz Eylul University

- CONTACT E-MAIL:

  behlul.guler2@gmail.com

- METHODS (description of sampling design and methods):

  Data consists of 15 permanent plots in 5 blocks (3 plots each, 10 x 10 m.) in dune afforestation area. Afforestation was carried out between 1961-1968. First vegetation survey was performed on 2002, and resurvey was three times during 2003. GPS coordinates of location obtained from the study and include accuracy.
  Blocks have different properties, which is detailed below.
  1. Block (EUC_low): Low vegetation cover (30%) of eucalyptus (*Eucalyptus camaldulensis* Dehnh.) afforestation.
  2. Block (EUC_high): High vegetation cover (75%) of eucalyptus (*Eucalyptus camaldulensis* Dehnh.) afforestation.
  3. Block (PNS_high): High vegetation cover (90%) of maritime pine (*Pinus pinaster* Aiton.) afforestation.
  4. Block (PNE_low): Low vegetation cover (25%) of stone pine (*Pinus pinea* L.) afforestation.
  5. Block (CTR): Control block, which is not afforested area.

- ENVIRONMENTAL DATA (list of environmental data measured):

  Aspect

- MANIPULATED PLOTS (description of the treatment if the plots were manipulated, e.g. mowing twice a year, fertilizing by NPK once a year, post-fire succession)

  Dune afforestation

Izmir, 22.06.2022

Behlül Güler