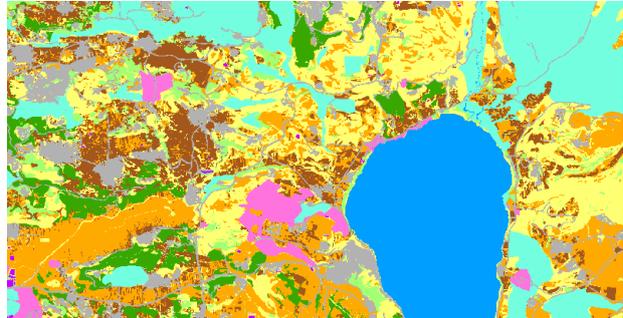


Thema specializes in the use of Geographic Information Systems (GIS) in the areas of environmental planning and management. Our company carries out spatial analyses which promote a deeper understanding of complex environmental reality and enable informed decision-making for many types of planning and management in open lands (including agriculture, forestry, environmental abatement, conservation, infrastructure, water resources and rural development). Moreover, **Thema** provides tailored solutions for the implementation and integration of GIS systems for managing natural resources and environmental planning.

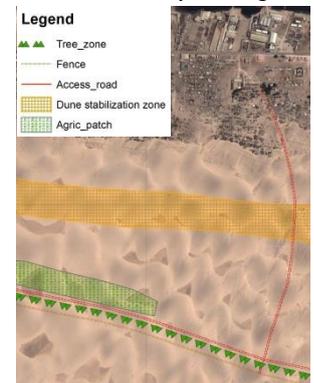
Land use classification - State of Nature Report



Who needs a geographic information system?

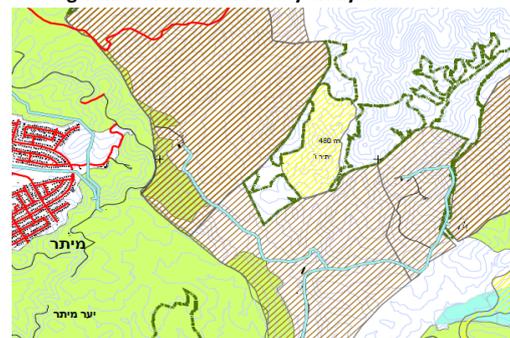
In today's world where changes are global and environmental quality is at the forefront of public awareness, great attention must be paid to any planning process which impacts the environment. Whether we're talking about management of natural resources, agricultural planning or infrastructure development, the language of planning must integrate environmental, ecological, landscape and landform effects. Whoever is working in these areas must take into account a broad range of factors in order to ensure that their plan meets its objectives in a sustainable way.

Anti-desertification plan - Angola



Thoughtful decision makers in such fields know that they must be able to consider in combination all the data in their region of interest – natural values, infrastructure, built area, land use, national master plans and more – in order to identify conflicts, to discover future environmental impacts and to propose alternative approaches, with spatial characteristics being crucial at every stage. This leads to the need for complex analyses such as slope and aspect classification, hydrological analysis, watershed determination and the spatial distribution of various phenomena.

Agricultural land availability analysis



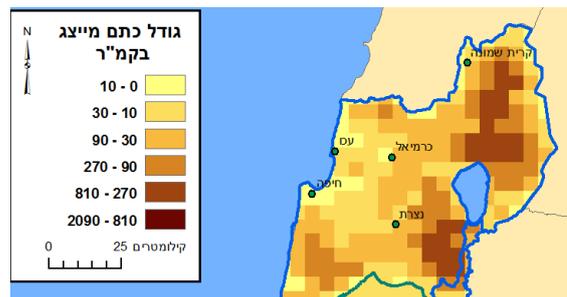
Recent years have seen great progress in the development of ever more sophisticated spatial analysis tools for geographic information systems. These tools that combine remotely-sensed with conventional geographic data can both provide solutions and also allow their clear and convincing presentation.

Anyone who is interested in making complex environmental decisions which will bear public scrutiny and be sustainable over the long term must think in multi-factor and spatial terms. **Thema Company** can aid you in efficiently combining, analyzing and convincingly presenting the spatial dimensions of your unique professional data. If desired we can also help you establish a geographic information system designed to meet your specific needs.

Who are we?

Thema is managed by John Woodcock and Israel Tauber. The two of us have a broad and varied background in the areas of GIS and the environment and have worked for many years in these fields. We have long experience in designing and carrying out complex projects in forestry, planning, ecological management and agriculture both in Israel and internationally. Prominent among these are the establishment of a nationwide geographic information system for mapping Israel's forests, participation in a team that developed an Agricultural Development Plan for two large areas in western Ethiopia, management of Israel's national State of Nature Report under the auspices of the National Science Academy, development of a plan to prevent desertification in southern Angola, a spatial analysis of Israel's milk production and development of Israel's national standard for land use mapping.

Open lands continuity analysis – State of Nature Report



We also have a great deal of experience in all aspects of establishing geographic information systems in an organization, from data gathering and mapping on a national level, developing applications, introducing the use of GPS data updating and developing environmental analyses, to integrating the use of the system at all levels in an organization.

Over the years we have won prizes and awards for excellence including Israel's Association for Cartography and Geographic Data Prize (2003), Excellence Prize for a Project at an international GIS Conference in England (2005), and First Prize for a Project at the National GIS Conference in Israel (2010).

Utilizing advanced GIS software and with our extensive knowledge, practical experience and long familiarity with the main suppliers of GIS services in Israel, **Thema Company** can provide the GIS solution which fits your needs.

