Working Group 4: Renewable resources in rural areas

J.Beseničar Chairman

Working Group IV conducted 5 plenary sessions in the fields of Remote Sensing for soil mapping, -crop monitoring, -vegetation mapping, -forestry and -land use studies with 19 papers. In addition a business meeting was held and 6 poster sessions with 36 pres-

Characteristical for the Working Group is its diversity of application as a result of the different objectives of the work, the initial databases, working methods and data processing techniques such as:
- different types of initial data resolution: from large scale aerial photography to small scale satel-

lite imagery.
- different types of data forms: digital data of MSS satellite or airborne scanners to analogue photography obtained from satellite, airborne and terrestrial platforms.

- different types of methods and algorithms used in solving the problems: the presented solutions are mostly project oriented and only for a few cases system oriented.

system oriented.

- diversity of hard-ware: from simple tools to the application of complicated and advanced systems.

The participants of Working Group IV stressed the need for a more uniform systematic and coherent approach in solving the problems of the practical application of Remote Sensing in the different thematic subjects and for the field conditions. Recommended is that for the digital processing of the data techniques should be developed, which are based on personal computers using simple multipurpose software. These software programs should enable pose software. These software programs should enable uniform base data management, image processing and

uniform base data management, image processing and overlay techniques.

Also recommended is more emphasis on the economical and financial aspects of the methods used. The participants of Working Group IV have the feeling that this subject is insufficiently discussed or covered by sufficient papers.

Recommended is to have a colloquium in October 1987 in Yugoslavia for Working Group IV and taking into account the great importance of renewable re-

into account the great importance of renewable resources in rural areas for the solution of ecological and food problems to support the idea of preparing and carrying out the International Conference on aerospace methods in ecology and nature protection (UNESCO/UNEP) Programme on Man and the Biosphere, (MAB), Poushtchino, USSR, 1988.

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1 INTRODUCT

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2 CONCLUSI

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