5. Conclusion

The model (1984) bucket model is applied for estimating annual and monthly values of AET and soil water content in Hungary. The models are estimating annual into account the annual distribution of soil water. The analysis refers to the period 1961-1990. The main findings are as follows:

- Annual AET range between 411-419 mm/year. Annual average of 403-405 mm/year. AET is the largest in the western parts of country and in the mountain regions.

- AET is determined not only by the relief but also by soil texture. It is especially valid for sandy soils. In sandy regions of Hungary, AET is in the range 0-400 mm per year.

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6. References


