



Growing  
**ideas**  
through  
**networks**

# ***Characterisazion of riparian forest vegetation in Bulgaria - what do we know up to now?***

**Kiril Vassilev, Krakow, 15.05.2018**

# Country overview

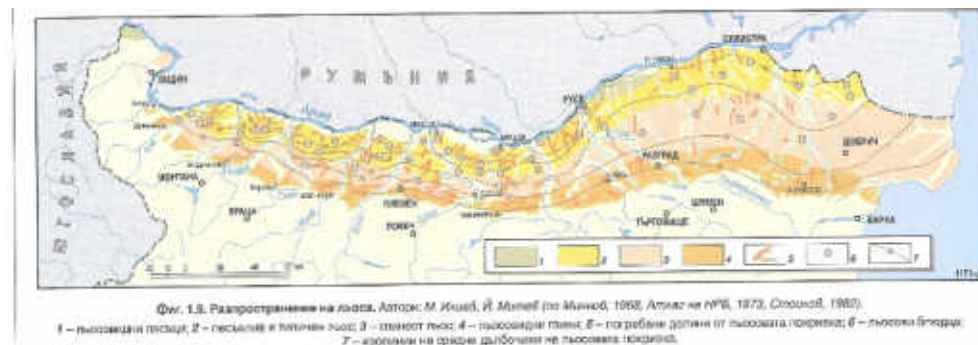


Area 111000 sq. km (N41°14-44°13; E22°02-28°36 )

Diverse orography; Highest peak 2925 m



17 different soil types



# Climate

Annual precipitation

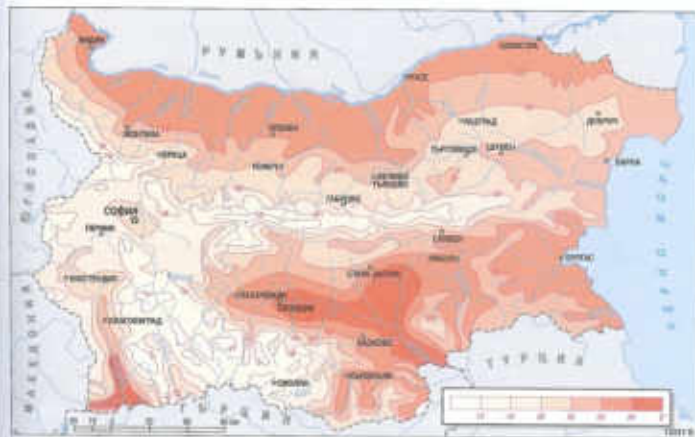
500 - 700 mm

January  $t^{\circ}\text{C}$ :  $-1.5^{\circ}$

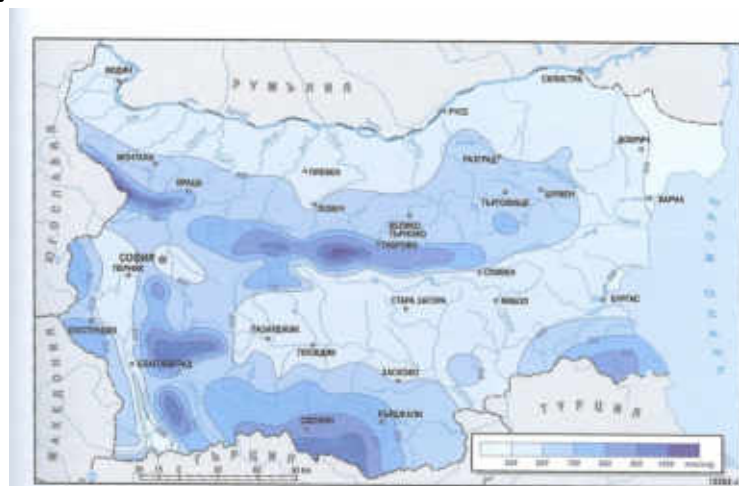
July  $t^{\circ}\text{C}$ :  $22^{\circ}$



Фиг. 2.6. Средна годишна температура на въздуха за периода 1971-2000. Автор: А. Генов.



2.6. Средна температура на въздуха през юли (по Станиш, 1959 г.).



Фиг. 2.13. Годишна сума на валежите (mm) за периода 1961-1990 г. (по Шаров, 1998, с изменения, 2002).

Contemporary vegetation in the country is developed on a place not covered by ice during Glaciations



# On the crossroad



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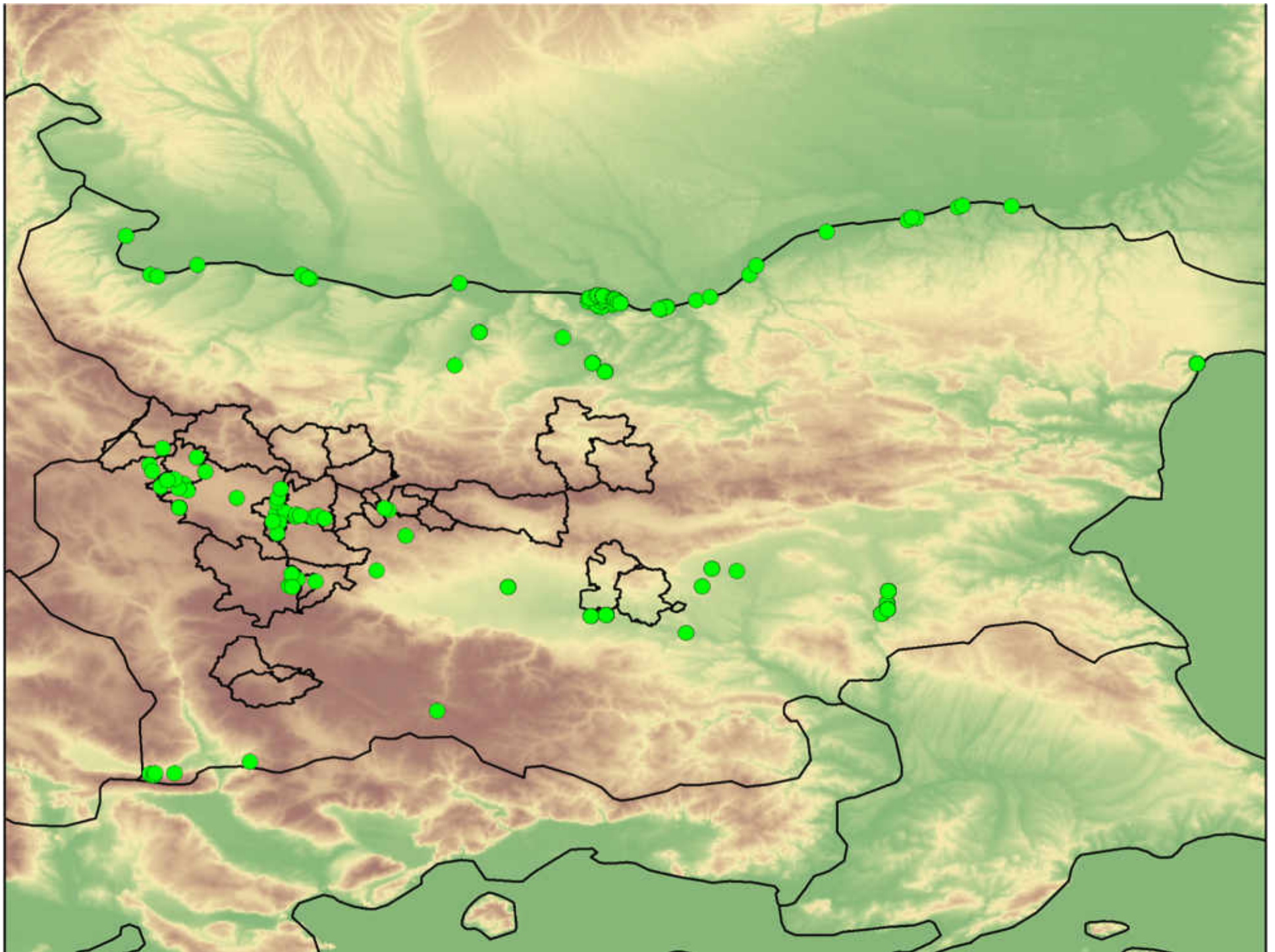


# On the crossroad



# Available data about riparian forests

- 321 reléves stored in the Balkan Vegetation Database (BVD; GIVD ID EU-00-019);
- Represented by 3 classes, 3 orders, 3 alliances, 7 associations & 1 community;
- Habitat Directive – codes 91D0, 91E0, 91F0, 92A0, 92C0, 92D0;



Cl. *Salicetea purpurea* Moor 1958

ord. *Salicetalia purpureae* Moor 1958

all. *Salicion albae* Soó 1951

ass. *Salicetum albae* Issler 1926

ass. *Amorpha-Salicetum albae* Tzonev 2009

*Salix purpurea* community

Cl. *Alno glutinosae-Populetea albae* P.  
Fukarek et Fabijanić 1968

ord. *Populetaalia albae* Br.-Bl. Ex Tchou 1949

all. *Platanion orientalis* I. Kárpáti et V. Kárpáti 1961

ass. *Juglando – Platanetum* Em et Dzekow 1961

ass. *Castaneto-Platanetum* (provisional)

Ord. *Alno-Fraxinetaalia excelsior* Passarge 1968

all. *Alnion incanae* Pawlowski et al. 1928

ass. *Smilaxo excelsae-Fraxinetum oxycarpae* Pavlov &  
Dimitrov 2002

all. *Alno-Quercion roboris* Horvat 1950

ass. *Scutellario atissimae-Quercetum roboris*  
Roussakova et Tzonev 2003

Cl. *Alnetea glutinosae* Br.-Bl. et Tx. ex  
Westhoff et al. 1946

Ord. *Alnetalia glutinosae* Tx. 1937

all. *Alnion glutinosae* Malcuit 1929

ass. *Stellario nemorum-Alnetum glutinosae*  
Lohmeyer 1957

A photograph of a forest stream. The water is a muddy brown color, flowing through a dense forest. The banks are covered in lush green vegetation, including various shrubs and trees. The trees have thin trunks and dense foliage. The overall scene is a natural, wooded environment.

**Thank you for your attention!**