



Εθνικό Μετσόβιο Πολυτεχνείο  
Σχολή Πολιτικών Μηχανικών

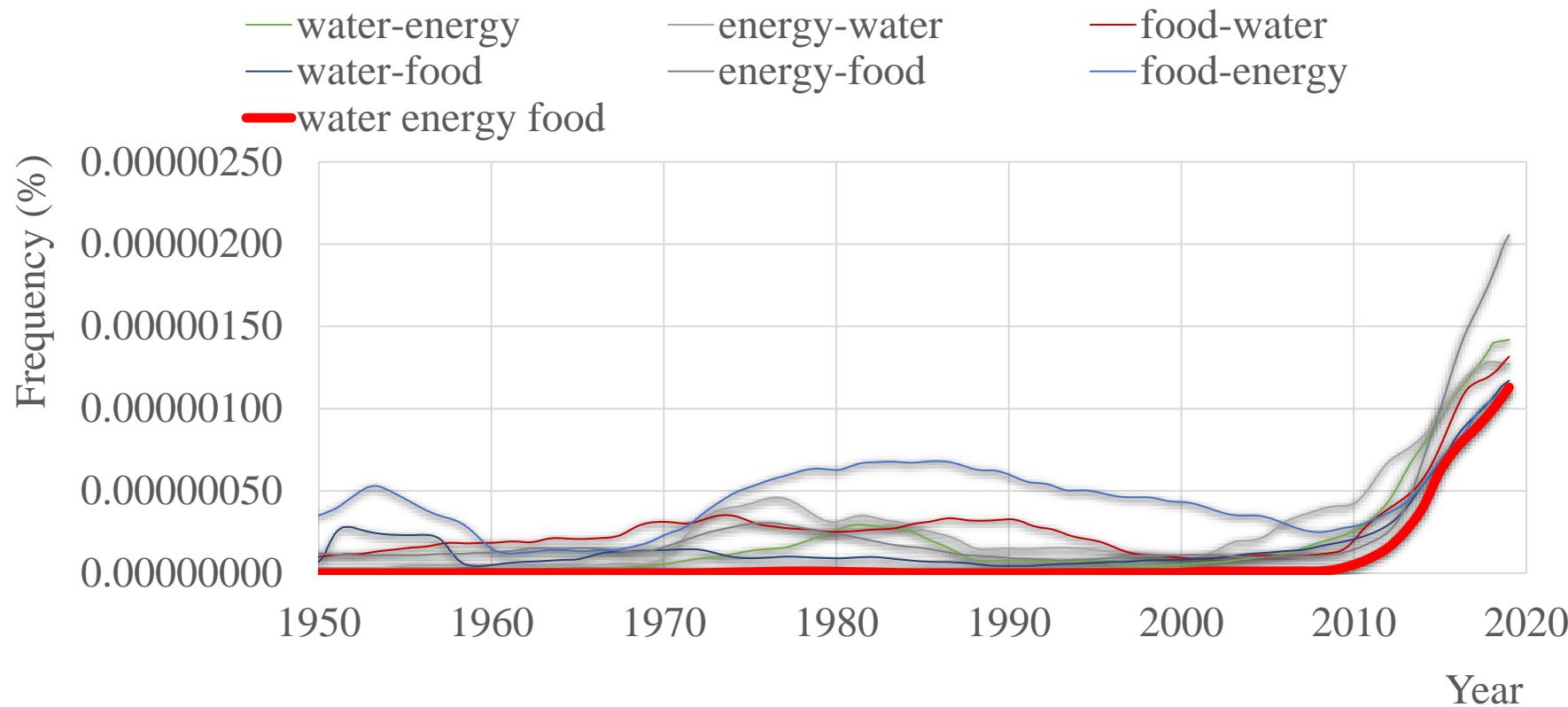
# Ο ρόλος του πλέγματος νερού-ενέργειας και τροφίμων στην κοινωνική ευημερία

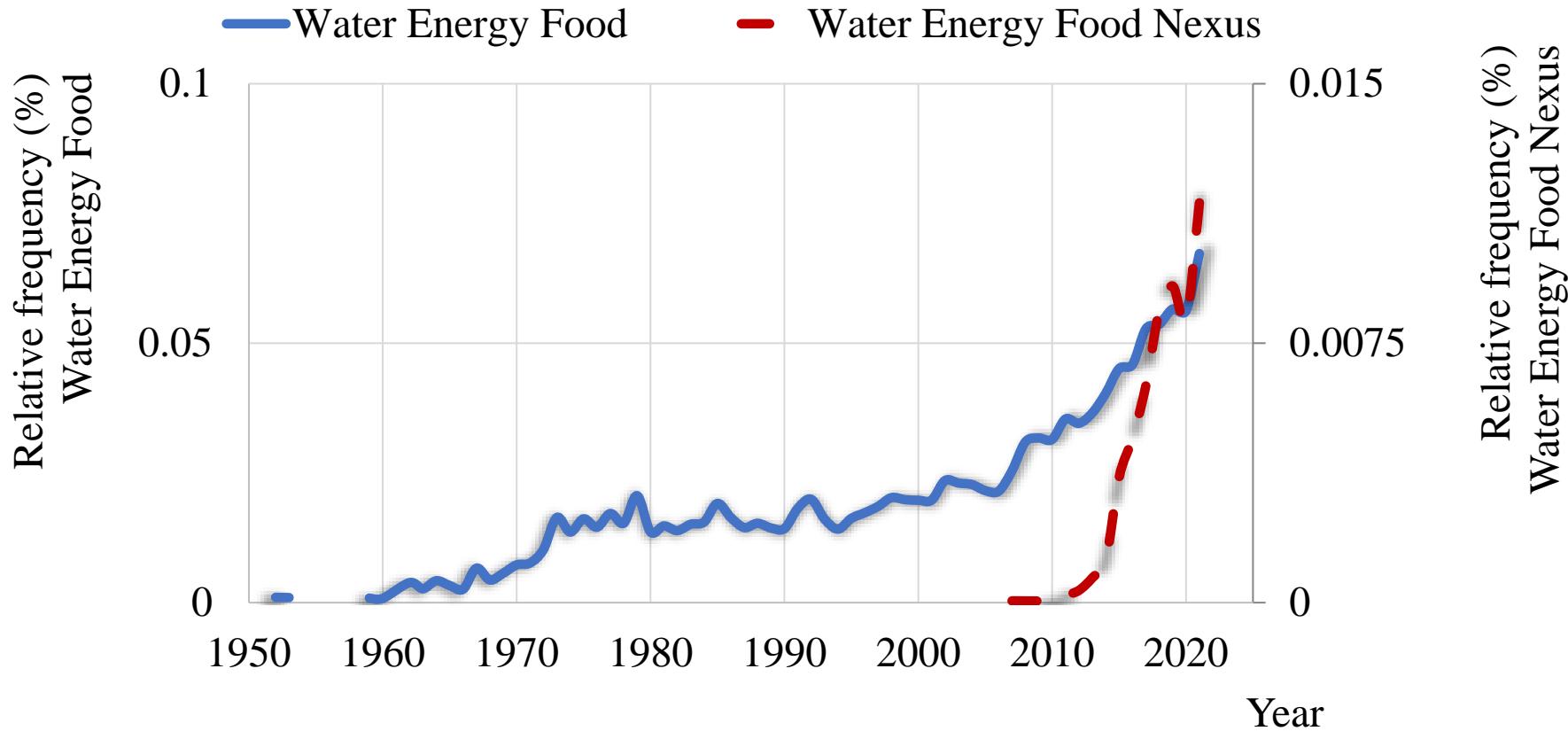
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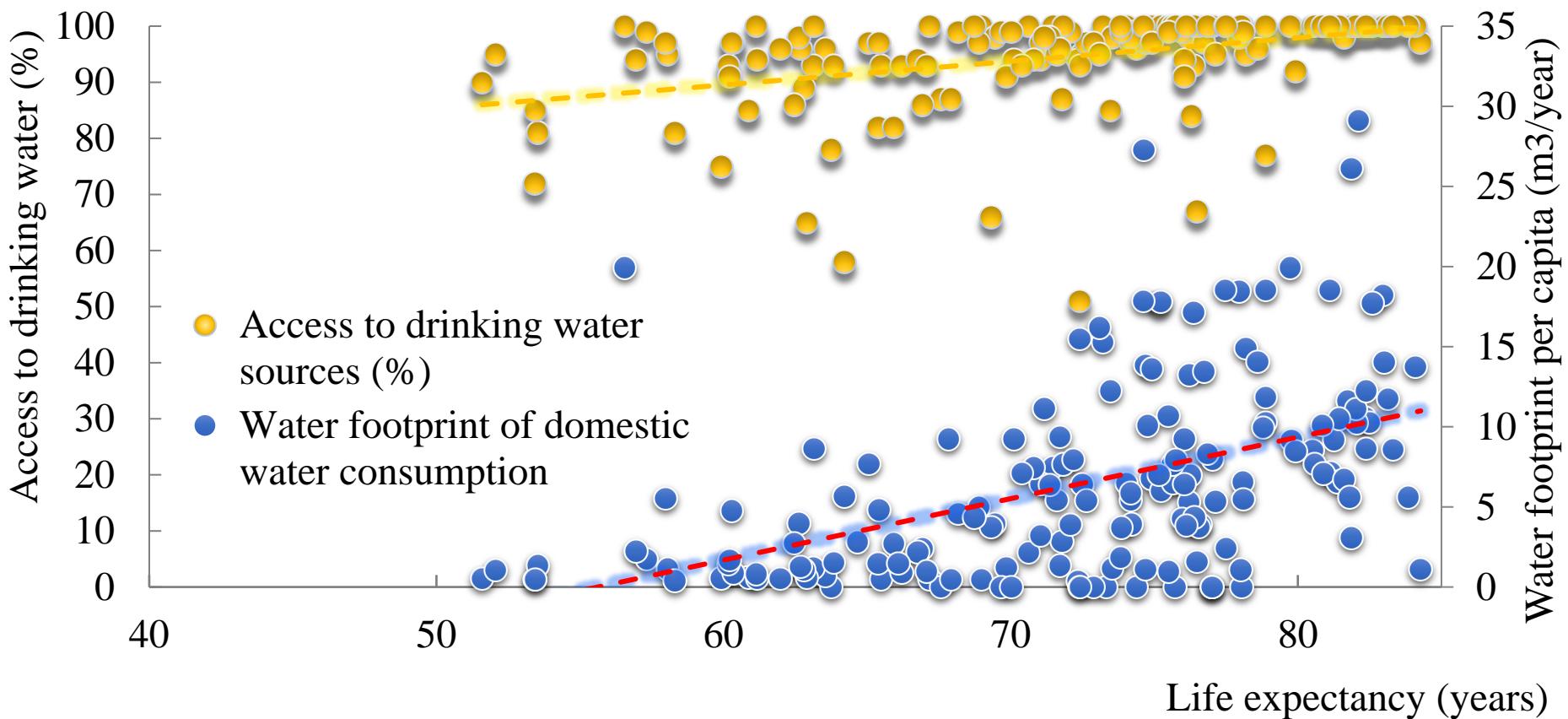
Γ.-Φοίβος Σαργέντης

Παρουσίαση: <https://youtu.be/NnmsSdFKv-4>

Απρίλιος 2023







Energy per capita (kWh)

100,000

- Energy per capita global average: 1870—2011
- Energy per capita country's average (2016)
- - - Global data: Linear trend

50,000

0

25

35

45

55

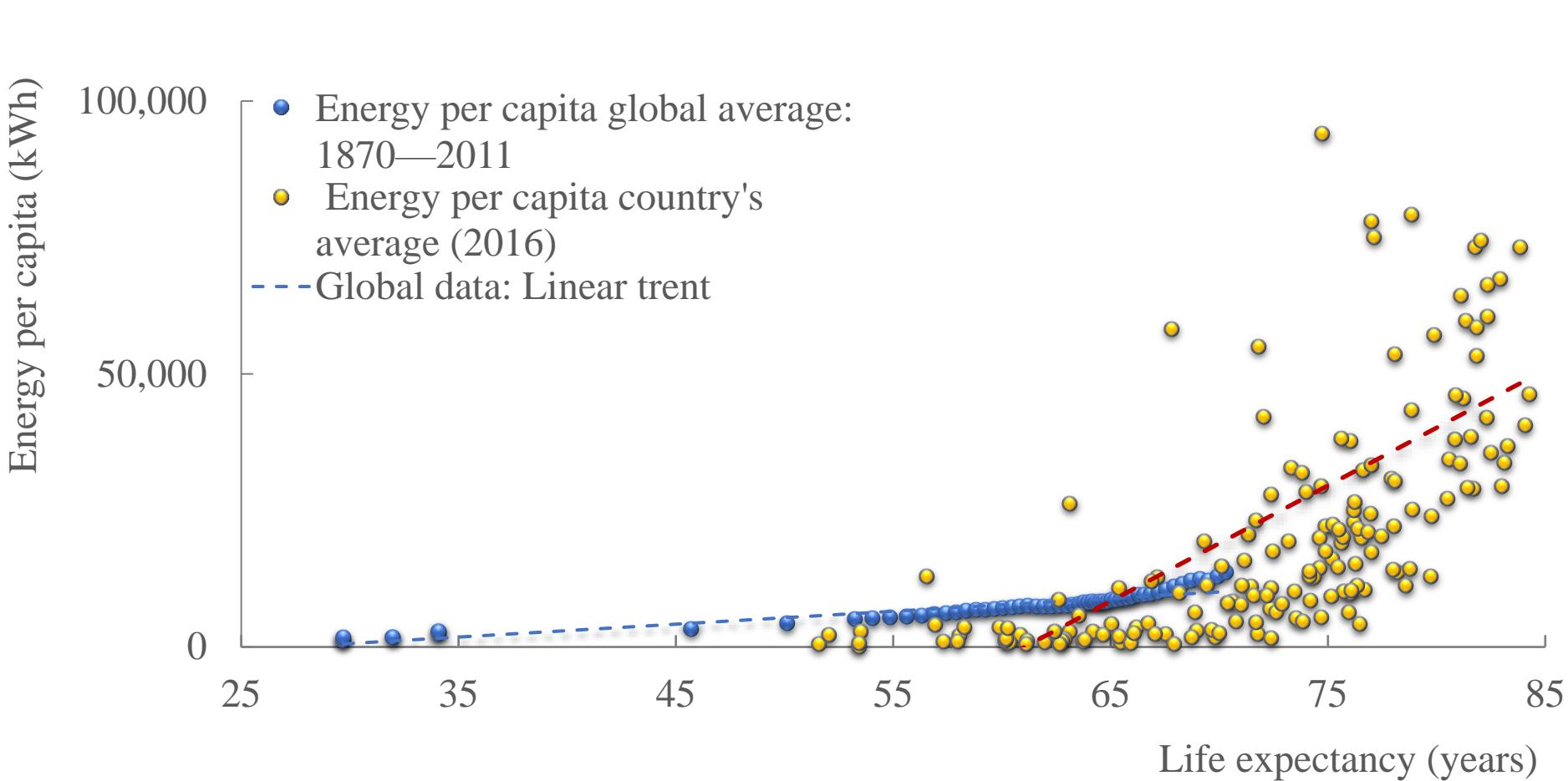
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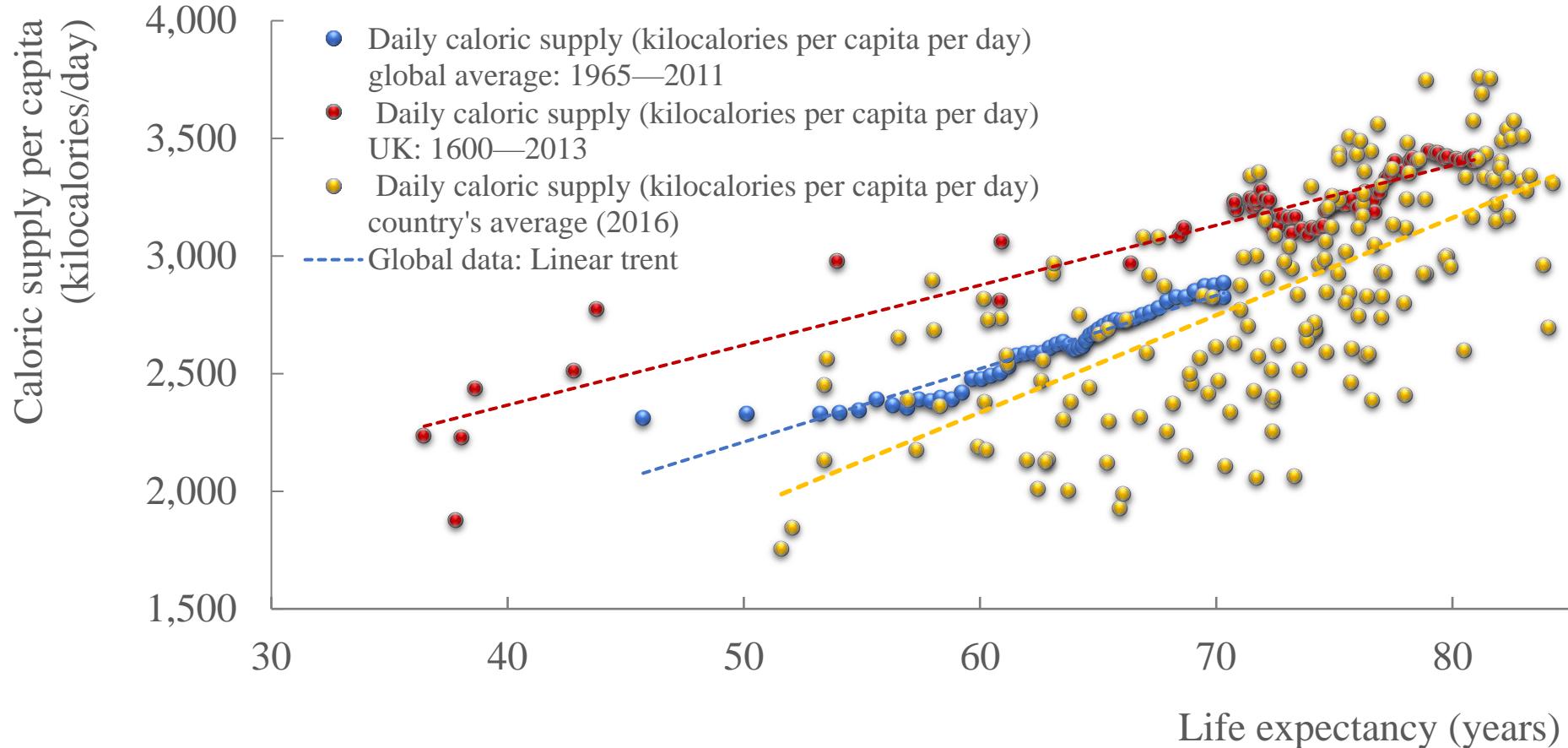
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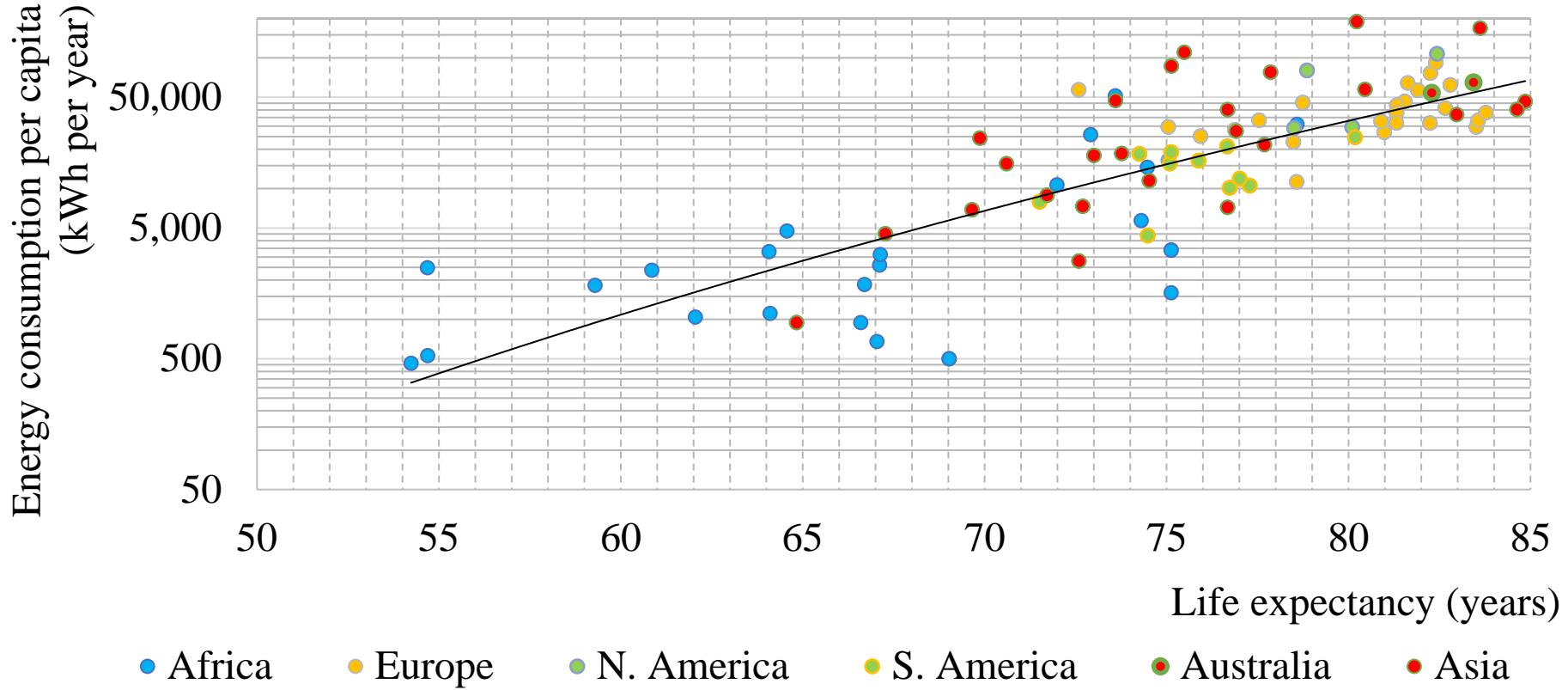
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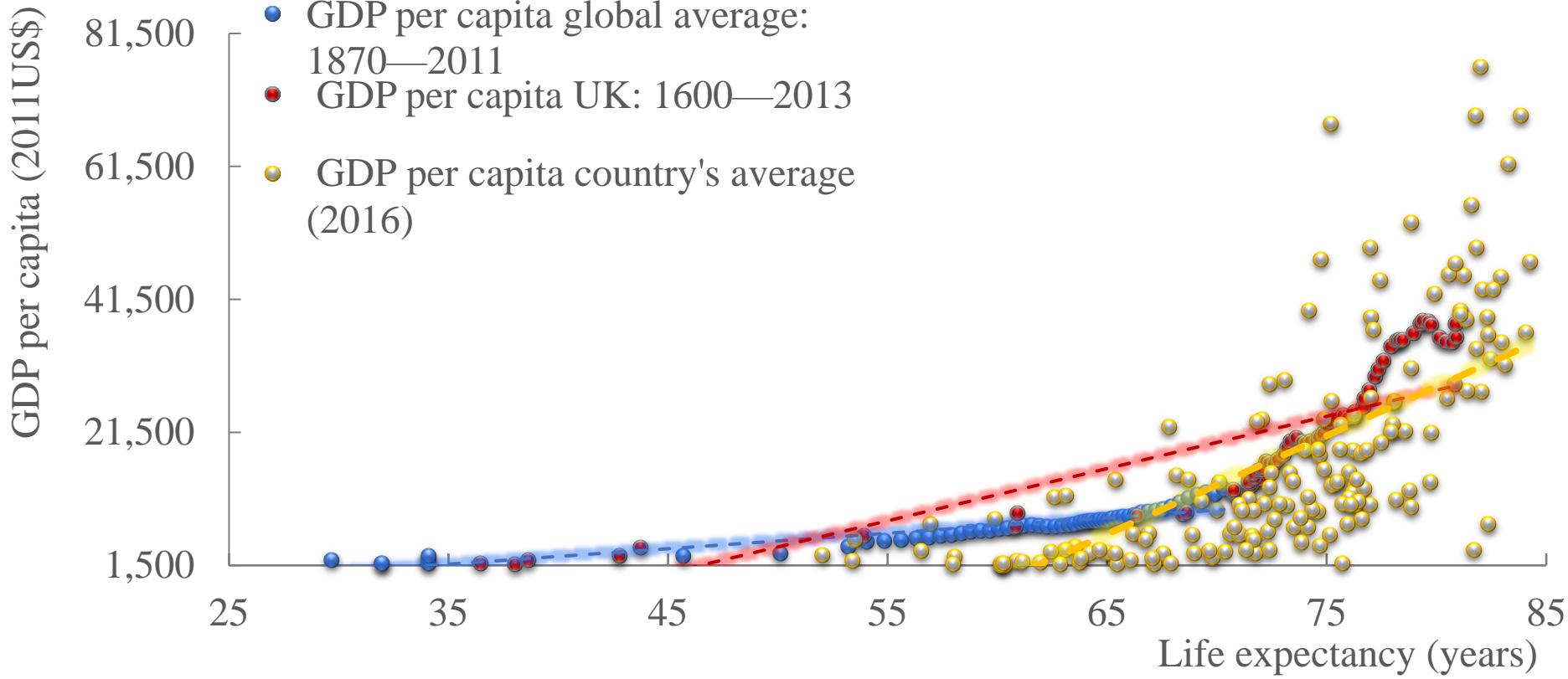
Πηγή: Sargentis, G.-F.; Siamparina, P.; Sakki, G.-K.; Efstratiadis, A.; Chiotinis, M.; Koutsoyiannis, D. Agricultural Land or Photovoltaic Parks? The Water–Energy–Food Nexus and Land Development Perspectives in the Thessaly Plain, Greece. *Sustainability* 2021, 13, 8935. <https://doi.org/10.3390/su13168935>

Life expectancy (years)









# Πηγές

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- Sargentis, G.-F.; Koutsoyiannis, D.; Angelakis, A.; Christy, J.; Tsionis, A.A. Environmental Determinism vs. Social Dynamics: Prehistorical and Historical Examples. *World* 2022, 3, 357-388.  
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- Sargentis, G.-F.; Siamparina, P.; Sakki, G.-K.; Efstratiadis, A.; Chiotinis, M.; Koutsoyiannis, D. Agricultural Land or Photovoltaic Parks? The Water–Energy–Food Nexus and Land Development Perspectives in the Thessaly Plain, Greece. *Sustainability* 2021, 13, 8935. <https://doi.org/10.3390/su13168935>
- Sargentis, G.-F.; Koutsoyiannis, D. The Function of Money in Water–Energy–Food and Land Nexus. *Land* 2023, 12, 669. <https://doi.org/10.3390/land12030669>
- Sargentis, G.-F. Issues of Prosperity: Stochastic Evaluation of Data Related to Environment, Infrastructures, Economy and Society. Ph.D. Thesis, National Technical University of Athens, School of Civil Engineering, Athens, Greece, 2022.