

Recent publications:

- GUERRA, E., VENTURA, F., SPANO, D., SNYDER, R. (2014). Correcting Midseason Crop Coefficients for Climate. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING, ISSN: 1943-4774, doi: [10.1061/\(ASCE\)IR.1943-4774.0000839](https://doi.org/10.1061/(ASCE)IR.1943-4774.0000839), 04014071.
- SPANO D., MARRAS S., BELLUCCO V. (2014) *Urban carbon budget modelling*. In: Chrysoulakis N., De Castro E. A., Moors E. J. (EDS) Understanding Urban Metabolism: A Tool for Urban Planning: 117-128 ROUTLEDGE –London, ISBN 13: 9780415835114 - ISBN 10: 0415835119
- GRIMMOND C.S.B., JARVI L., LINDBERG F., MARRAS S., FALK M., LORIDAN T., PIGEON G., PYLES D.R., SPANO D. (2014) *Urban energy budget models*. In: Chrysoulakis N., De Castro E. A., Moors E. J. (EDS) Understanding Urban Metabolism: A Tool for Urban Planning: 91-105 ROUTLEDGE –London, ISBN 13: 9780415835114 - ISBN 10: 0415835119
- MANCOSU N., SNYDER R.L., SPANO D. (2014). Procedures to Develop a Standardized Reference Evapotranspiration Zone Map.. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING, ISSN: 1943-4774, doi: 10.1061/(ASCE)IR.1943-4774.0000697
- AGER A. A., PREISLER H., ARCA B., SPANO D., SALIS M. (2014). Wildfire risk estimation in the Mediterranean area. ENVIRONMETRICS, ISSN: 1180-4009, doi: 10.1002/env.2269
- ARCA B, SALIS M, AGER AA, PELLIZZARO G, PINTUS GV, ALCASENA F, SPANO D, DUCE P (2014) Temporal patterns of wildfire probability and intensity in Northern Sardinia, Italy. *Geophysical Research Abstracts*, Vol. 16, 13179 p. ISSN 1607-7962
- SALIS M, AGER AA, ARCA B, FINNEY MA, ALCASENA F, BACCIU V, DUCE P, MUNOZ LOZANO O, SPANO D (2014). Analyzing wildfire exposure on Sardinia, Italy. *Geophysical Research Abstracts*, Vol. 16, 11596 p. ISSN 1607-7962
- SIRCA C, SALIS M, SPANO D (2014) A regional estimate of soil organic carbon content linking the RothC model to spatialised climate and soil database. *Geophysical Research Abstracts*, Vol. 16, 9923 p. ISSN 1607-7962
- BACCIU V, MASALA F, SALIS M, SIRCA C, SPANO D (2014) Analysis of weather conditions influencing fire regime in Italy. *Geophysical Research Abstracts*, Vol. 16, 14640 p. ISSN: 1607-7962
- BLECIC I., CECCHINI A., FALK M., MARRAS S., PYLES D., SPANO D., TRUNFIO G.A., 2014. *Urban metabolism and climate change: a planning support system*. International Journal of Applied Earth Observation and Geoinformation, Volume 26, February 2014: 447–457
- NOLÈ A., COLLALTI A., MAGNANI F., DUCE P., FERRARA A., MANCINO G., MARRAS S., SIRCA C., SPANO D., BORGHETTI M., (2013) Assessing temporal variation in primary and ecosystem production in two Mediterranean forest types using a modified 3-PG model. Annals of Forest Science: vol.70, Issue 7(2013), pp. 729-741, [doi:10.1007/s13595-013-0315-7](https://doi.org/10.1007/s13595-013-0315-7)
- MANCOSU, N., SNYDER, R. L., SPANO, D. 2013. Procedures to develop a Standardized Reference Evapotranspiration zone map. Journal of Irrigation and Drainage Engineering (under review).
- SALIS M., AGER A.A., FINNEY M.A., ARCA B., SPANO D., (2013) Analyzing spatiotemporal changes in wildfire regime and exposure across a Mediterranean fire-prone area. Natural Hazards. DOI: 10.1007/s11069-013-0951-0
- CARDIL A., SALIS M., SPANO D., DELOGU G., MOLINA D. (2013). Large wildland fires and extreme temperatures in Sardinia (Italy). IFOREST, ISSN: 1971-7458, doi: 10.3832/ifor1090-007
- CHRYSOULAKIS, N., LOPES, M., JOSÉ, R.S., ET AL. (2013) Sustainable urban metabolism as a link between bio-physical sciences and urban planning: The BRIDGE project. Landscape and Urban Planning. 112 (2013) 100-117. DOI: [10.1016/j.urbandplan.2012.12.005](https://doi.org/10.1016/j.urbandplan.2012.12.005).
- ARCA B., SALIS M., BENOIT J., DUGUY B., ALCASENA F., KOUTSIAS N., MALLINIS G., ZAVALA G., URBIETA I.R., CURT T, SPANO D. (2014). Assessing changes in fire hazard in Mediterranean landscapes by fire modelling. . In: (a cura di): José M. Moreno (ED), , Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world.. p. 24-25, ISBN: 9788469597590.
- BACCIU V., TRIGO R., SPANO D., MASALA F., DUGUY B., PASTOR P., SOUSA P., VENÄLÄINEN A., MOUILLOT F., MORENO J.M., ZAVALA G., URBIETA I.R., KOUTSIAS N., XYSTRAKIS F., ARIANOUTSOU M., MALLINIS G., GONZÁLEZ M.E., URRUTIA R., LARA A., KAVCACI A., MIDGLEY G., GUO D., LE MAITRE D., FORSYTH G., SOUTHEY D., ARCA B., BONORA L., CONESE C., DA CAMARA C., PEREIRA M.G., GOUVEIA C., CAMIA A., AMATULLI G., VILAR L., SAN MIGUEL-AYANZ J., HAIRECH T., ASSALI F., MOKSSIT A.,

- CHERKI K., ALAOUI H. (2014). Fire and weather relationships: present climate. . In: (a cura di): Josè M. Moreno (ED), , Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world. . p. 18-19, ISBN: 9788469597590.
- SPANO D., CAMIA A. BACCIU V., MASALA F., DUGUY B., TRIGO R., SOUSA P., VENÄLÄINEN A., MOUILLOT F., CURT T., MORENO J.M., ZAVALA G., URBIETA I.R., KOUTSIAS N., XYSTRAKIS F. (2014). Recent trends in forest fires in Mediterranean areas and associated changes in fire regimes.. In: (a cura di): Josè M. Moreno (ED) , Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world.. p. 6-7, ISBN: 9788469597590.
 - MAILLÉ E., FERNÁNDEZ-RAMIRO M.M., BOUILLON C., SIRCA C., ALCASENA F., ARCA B., BELLET A., FIERRO B., CASULA F., LONG-FOURNEL M., MORGE D., PELLIZARO G., PRICE O., PUGNET L., SALIS M., SPANO D., SYPHARD A., VILA B., FERRARA R., PINTUS G.V., HENAFF Q., SANTINI M., SCOCCIMARRO E., BACCIU V., QUESADA C. (2014). Wild fire risk in the rural-urban interface. In: Josè M. Moreno (ED), Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world.. In: (a cura di): Josè M. Moreno (ED), , Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world.. p. 14-15, ISBN: 9788469597590.
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 - SNYDER R. L., SPANO D., 2013 Phenology and Evapotranspiration in: Mark D. Shwartz (ED): Phenology: An Integrative Environmental Science: 521 - 538 SPRINGER-Verlag GmbH, ISBN 9400769245, 9789400769243
 - BLECIC I., CECCHINI A., FALK M., MARRAS S., PYLES R.D., SPANO D., TRUNFIO G.A., 2013. *Urban CO₂ Planning: A Decision Support System*. Planning Support Systems for Sustainable Urban Development, Lecture Notes in Geoinformation and Cartography Volume 195, 2013, pp 209-224.