

DROUGHT-R&SPI Technical Reports

- Alderlieste, M.A.A. & Lanen, H.A.J. van (2012): Trends in low flow and drought in selected European areas derived from WATCH forcing data and simulated multi-model mean runoff. DROUGHT-R&SPI Technical Report No. 1, Wageningen, The Netherlands.
- Tijdeman, E., Van Loon, A.F., Wanders, N. & Van Lanen, H.A.J. (2012): The effect of climate on droughts and their propagation in different parts of the hydrological cycle. DROUGHT-R&SPI Technical Report No. 2, Wageningen, The Netherlands.
- Stahl, K., Blauhut, V., Kohn, I., Acácio, V., Assimacopoulos, D., Bifulco, C., De Stefano, L., Dias, S., Eilertz, D., Freilingsdorf, B., Hegdahl, T.J., Kampragou, E., Kourentzis, E., Melsen, L., Lanen, H.A.J. van, Loon, A.F. van, Massarutto, A., Musolino, D., De Paoli, L., Senn, L., Stage, J.H., Tallaksen, L.M. & Urquijo, J. (2012): A European drought impact report inventory (EDII): Design and test for selected recent droughts in Europe. DROUGHT-R&SPI Technical Report No 3, Freiburg, Germany.
- De Stefano, L., Urquijo Reguera, J., Acácio, V., Andreu, J., Assimacopolus, D., Bifulco, C., De Carli, A., De Paoli, L., Dias, S., Gad, F., Haro Monteagudo, D., Kampragou, E., Keller, C., Lekkas, D., Manoli, E., Massarutto, A., Miguel Ayala, L., Musolino, D., Paredes Arquiola, J., Rego, F., Seidl, I., Senn, L., Solera Solera, A., Stathatou, P. & Wolters, W. (2012): Policy and Drought Responses – Case Study scale. DROUGHT-R&SPI Technical Report No. 4, Madrid, Spain.
- Alderlieste, M.A.A., and Van Lanen, H.A.J. (2013): Change in future low flow and drought in selected European areas derived from WATCH GCM Forcing Data and simulated multi-model runoff. DROUGHT-R&SPI Technical Report No. 5, 316 pg., Wageningen, The Netherlands.
- Acácio, V., Andreu, J., Assimacopoulos, D., Bifulco, C., De Carli, A., Dias, S., Kampragou, E., Haro Monteagudo, D., Rego, f., Seidl, I., Vasiliou, E. & Wolters, W. (2013): Review of current drought monitoring. DROUGHT-R&SPI Technical Report No. 6, Lisbon, Portugal.
- Acácio, V., Andreu, J., De Carli, A., Dimakis, A.A., Assimacopoulos, D., Bifulco, C., Dias, S., Gudmundsson, L., Massarutto, A., Haro Monteagudo, D., Musolino, D., Paredes, J., Rego, F., Seidl, I., Seneviratne, S., Senn, L. & Solera, A. (2013): Evaluation 1st Phase Case Study Dialogue Fora. DROUGHT-R&SPI Technical Report No. 7, , Lisbon, Portugal.
- Tijdeman, E., Van Loon, A.F., Wanders, N. & Van Lanen, H.A.J. (2012): The effect of climate on droughts and their propagation in different parts of the hydrological cycle. DROUGHT-R&SPI Technical Report No. 2, Wageningen, The Netherlands.
- Van Lanen, H.A.J., Alderlieste, M.A.A., Acacio, A., Andreu, J., Garnier, E., Gudmundsson, L., Haro Monteagudo, D., Lekkas, D., Paredes, J., Solera, A., Assimacopoulos, d., Rego, F., Seneviratne, S., Stahl, K., & Tallaksen, L.M. (2013): Quantitative analysis of historic droughts in selected European case study areas. DROUGHT-R&SPI Technical Report No. 8, Wageningen, The Netherlands.
- Massarutto, A., Musolino, D., Pontoni, F., De Carli, A., Senn, L., De Paoli, L., Castro Rego, F., Dias, S., Bifulco, C., Acacio, V., Andreu, J., Assimacopoulos, D., Miguel Ayala, L., Gad, F., Haro Monteagudo, D., Kampragkou, E., Kartalides, A., Paredes, J., Solera, A., Seidl, I. & Wouters, W. (2013): Analysis of historic events in terms of socio-economic and environmental impacts. DROUGHT-R&SPI Technical Report No. 9, Milan. Italy.
- Wolters, W., Miguel Ayala, L. & Davy, T. (2013): Evaluation of the 1st Phase Progress in the pan-European Dialogue Forum. DROUGHT-R&SPI Technical Report No. 10, Wageningen, The Netherlands.
- Van Lanen, H.A.J., Alderlieste, M.A.A., Van der Heijden, A., Assimacopoulos, D., Dias, S., Gudmundsson, L., Haro Monteagudo, D., Andreu, J., Bifulco, C., Gero, F., Paredes, J. & Solera, A. (2013): Likelihood of future drought hazards: selected European case studies. DROUGHT-R&SPI Technical Report No.11, 52 pg., Wageningen, the Netherlands.
- Stage, J.H., Tallaksen, L.M., Kohn, I, Stahl, K. & Van Loon, A.F. (2013): A European Drought Reference Database: Design and Online Implementation. DROUGHT-R-SPI Technical Report no. 12, 42 pg., Oslo, Norway.
- De Boer, F., Van Lanen, H.A.J. & Torfs, P.J.J.F. (2013): Comparison of agricultural and water resources drought characteristics across the world. DROUGHT-R&SPI Technical Report No. 13, 77 pg., Wageningen, the Netherlands.
- Kampragou, E., Andreu, J., de Carli, A., Assimacopoulos, D., Bifulco, C., Dias, S., Massarutto, A., Haro Monteagudo, D., Musolino, D., Paredes, J., Rego, F. & Solera, A. (2014): Evaluation 2nd Phase Case Study Dialogue Fora. DROUGHT-R-SPI Technical Report no. 14, 19 pg., Athens, Greece.
- Ploum, S. & Van Loon, A.F. (2014): Investigating winter conditions before spring snowmelt droughts in cold climates: a comparative study in Austria, Norway. DROUGHT-R&SPI Technical Report No. 15, 30 pg., Wageningen, The Netherlands.
- Ten Broek, J., Teuling, A.J. & Van Loon, A.F. (2014): Comparison of drought indices for the province of Gelderland, the Netherlands. DROUGHT-R&SPI Technical Report No.16, Wageningen, 50 pg., the Netherlands,

- Stahl, K., Blauhut, V., Kohn, I., De Stefano, L., Dias, S., Urquijo, J., Tallaksen, L.M., Van Lanen, H.A.J. & Wolters, W. (2014): Stakeholder views on drought impacts and drought risk maps at the pan-European scale results from the 2nd pan-European Drought Dialogue Forum. DROUGHT-R-SPI Technical Report no. 17, 17 pg., Freiburg, Germany.
- Oude Lenferink, K.J.B., Van Loon, A.F., Van Huijgevoort, M.H.J. & Van Lanen, H.A.J. (2014): Exploring the relationship between low soil moisture availability and yield of major crops on the pan-European scale - DROUGHT-R-SPI Technical Report no. 18, 98 pg., Wageningen, The Netherlands.
- Kampragou, E & Assimacopoulos, D. (2014): DROUGHT-R&SPI Summer School. DROUGHT-R-SPI Technical Report no. 19, 24 pg., Athens, Greece.
- Assimacopoulos, D., Kampragou, E., Andreu, J., Bifulco, C., De Carli, A., De Stefano, L., Dias, S., Gudmundsson, L., Haro-Monteagudo, D., Musolino, D., Paredes-Arquiola, J., Rego, F., Seidl, I., Solera, A., Urquijo, J., Van Lanen, H.A.J. & Wolters, W. (2014): Future drought impact and vulnerability - case study scale. DROUGHT-R-SPI Technical Report no. 20, 145 pg., Athens, Greece.
- Gudmundsson, L., Van Loon, A.F., Tallaksen, L.M., Seneviratne, S.I, Stagge, J.H., Stahl, K. & Van Lanen, H.A.J. (2014): Guidelines for monitoring and early warning of drought in Europe. DROUGHT-R-SPI Technical Report no. 21, 21 pg., Zürich, Switzerland.
- Van Huijgevoort, M.H.J. & Van Lanen, H.A.J. (2015): Exploration of future crop yield reduction from an ensemble of large-scale hydrological models, DROUGHT-R-SPI Technical Report no. 22, 129 pg., Wageningen, the Netherlands.
- Haro Monteagudo, D., Momblanch Benavent, A. Andreu Álvarez, J., Solera Solera, A., Paredes Arquiola, J. & Van Lanen, H.A.J. (2015): Drought Conference. DROUGHT-R-SPI Technical Report no. 23, 78 pg., Valencia, Spain.
- Kampragou, E., Assimacopoulos, D., Andreu, J., Bifulco, C., de Carli, A., Dias, S., González Tánago, I., Haro Monteagudo, D., Massarutto, A., Musolino, D., Paredes, J., Rego, F., Seidl, I., Solera, A., Urquijo Reguera, J. & Wolters, W. (2015): Systematic classification of drought vulnerability and relevant strategies - case study scale. DROUGHT-R-SPI Technical Report no. 24, 43 pg., Athens, Greece.
- Stagge, J.H., Rizzi, J., Tallaksen, L.M. & Stahl, K. (2015): Future Meteorological Drought: Projections of Regional Climate Models for Europe. DROUGHT-R-SPI Technical Report no. 25, 19 pg., Oslo, Norway.
- De Stefano, L., González Tánago, I., Ballesteros, M., Urquijo, J., Blauhut, V., Stagge, J.H. & Stahl, K. (2015): Methodological approach considering different factors influencing vulnerability - pan-European scale. DROUGHT-R-SPI Technical Report no. 26, 121 pg., Madrid, Spain.
- Blauhut, V. & Stahl, K. (2015): Mapping Drought Risk in Europe. DROUGHT-R-SPI Technical Report no. 27, 15 pg., Freiburg, Germany.
- Stahl, K., Stagge, J.H., Bachmair, S., Blauhut, V., Rego, F.C., De Stefano, L., Dias, S., Gudmundsson, L., Gunst, L., Kohn, I., Van Lanen, H.A.J. Urquijo Reguera, J. & Tallaksen, L.M. (2015): Recommendations for indicators for monitoring and early-warning considering different sensitivities: pan-European scale. DROUGHT-R-SPI Technical Report no. 28, 13 pg., Freiburg, Germany.
- Assimacopoulos, D., Kampragou, E., Andreu, J., Bifulco, C., De Carli, A., De Stefano, L., Dias, S., Kartalidis A., L., Massarutto, A., Haro-Monteagudo, D., Musolino, D., Paredes-Arquiola, J., Rego, F., Seidl, I., Solera, A., Urquijo, J. & Wolters, W. (2015): Drought risk mitigation options – case study scale. DROUGHT-R-SPI Technical Report no. 29, 120 pg., Athens, Greece.
- Witmer, F.P, Wolters, W., Van Lanen, H.A.J., Seneviratne, S.I., Assimacopoulos, D., De Stefano, L., Tallaksen, L.M., Massarutto, A., Stahl, K., Andreu, J., Rego, F.C. & Seidl, I. (2015): Identification of Drought Messages for Policy Makers, Businesses and Citizens. DROUGHT-R-SPI Technical Report no. 30, 18 pg., Wageningen, The Netherlands.
- Wolters, W., Stahl, K., González Tánago, I., Andreu, J., Van Lanen, H.A.J., Kampragou, E. & Davy, T. (2015): Discussing drought at the pan-European level: results from the 3rd pan-European Drought Dialogue Forum. DROUGHT-R-SPI Technical Report no. 31, 16 pg., Wageningen, The Netherlands.
- Wolters, W., Witmer, F.P., Van Lanen, H.A.J. & Davy, T. (2015): From SPI to SPI-I: discussing what is beyond science-policy interfacing, at the 4th pan-European Drought Dialogue Forum. DROUGHT-R-SPI Technical Report no. 32, 19 pg., Wageningen, The Netherlands.
- Andreu, J., Haro, D., Solera, A., Paredes, J., Assimacopoulos, D., Wolters, W., Van Lanen, H.A.J., Kampragou, E., Bifulco, C., De Carli, A., Dias, S., González Tánago, I., Massarutto, A., Musolino, D., Rego, F., Seidl, I. & Urquijo Reguera, J. (2015): Drought indicators: monitoring, forecasting and early warning at the case study scale. DROUGHT-R-SPI Technical Report no. 33, 46 pg., Valencia, Spain.
- Van Loon, A.F., Van Lanen, H.A.J., Andreu, J., Assimacopoulos, D., Massarutto, A., Castro Rego, F., Seneviratne, S.I. & Wolters, W. (2015): Evaluation of the potential and limitations of Pan-European analyses on local and national scale. DROUGHT-R&SPI Technical Report no. 34, 34 pg., Wageningen, The Netherlands.

-
- Garnier, E., Assimacopoulos, D. & Van Lanen, H.A.J. (2015) Historic droughts beyond the modern instrumental records: an analysis of cases in United Kingdom, France, Rhine and Syros. DROUGHT-R&SPI Technical Report No. 35, , 43 pg., Rochelle, France.
- Gunst, L., Rego, F.M.C.C., Dias, S.M.A., Bifulco, C., Stagge, J.H., Rocha, M.S. & Van Lanen, H.A.J. (2015) Links between Meteorological Drought Indices and Yields (1979 – 2009) of the main European Crops. DROUGHT-R&SPI Technical Report No. 36, 64 pg., Wageningen, The Netherlands.
- Beyene, B.S., Van Lanen, H.A.J. & and Torfs, P.J.J.F. (2015) Drought classification, propagation analysis, and prediction of anomalies. DROUGHT-R&SPI Technical Report No. 37, 58 pg., Wageningen, The Netherlands.