

## Publication

### Selected Bibliography

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**Since 2006 the Web Editor is collecting important recent publications in agrometeorology to assist you in staying informed in your fields of work**

A list of many recently published papers useful for agrometeorological community is collected here. Papers are grouped as for general subjects, and references and abstracts are reported. The list is prepared by the INSAM web editor including papers published in 2006 (and some in 2005), and it has not to be considered exhaustive of all the bibliography available. INSAM staff will be glad to receive for members indications of references to be included in the list, particularly when referring to journals or Acta of meetings difficult to find in bibliographic data-bases.

#### [Agroclimate and biodiversity](#)

<https://www.nifa.usda.gov/national-institute-food-agriculture-annual-report/agroclimate-science>

Articles about: Agroclimate and biodiversity

#### [Agroclimate and crop quality](#)

<https://agris.fao.org/agris-search/search.do?recordID=US201400118340>

Articles about: Agroclimate and crop quality

#### [Agroclimate and sustainable land management](#) — <https://www.fao.org/3/i1861e/i1861e.pdf>

Articles about: Agroclimate and sustainable land management

#### [Agroclimate, agrometeorology and plant protection](#) —

<https://community.wmo.int/en/bookstore/agrometeorological-aspects-operational-crop-protection-report-working-group-agrometeorological-aspects-operational-crop-protection-commission-agricultural-meteorology>

Articles about: Agroclimate, agrometeorology and plant protection

#### [Agroclimatic characterization and zoning](#) —

[https://www.researchgate.net/publication/262467475\\_Agro-climatic\\_zoning\\_research\\_lines\\_and\\_characterization\\_theoretical\\_and\\_conceptual](https://www.researchgate.net/publication/262467475_Agro-climatic_zoning_research_lines_and_characterization_theoretical_and_conceptual)

Articles about: Agroclimatic characterization and zoning

#### [Climate change prevision, climate variability and agroclimatic indicators](#) —

<https://cds.climate.copernicus.eu/cdsapp#!/dataset/sis-agroclimatic-indicators?tab=overview>

Articles about: Climate change prevision, climate variability and agroclimatic indicators

#### [Crop ecophysiology and agroclimate areas](#) — <https://link.springer.com/book/10.1007/978-981-15-2156-0>

Articles about: Crop ecophysiology and agroclimate areas

**Cultural practices and agroclimatic features** —

[https://www.researchgate.net/publication/300265773\\_Agroecological\\_and\\_Agronomic\\_Cultural\\_Practices\\_of\\_Quinoa\\_in\\_South\\_America](https://www.researchgate.net/publication/300265773_Agroecological_and_Agronomic_Cultural_Practices_of_Quinoa_in_South_America)

Articles about: Cultural practices and agroclimatic features

**Land use, technology and policy** —

[https://www.researchgate.net/publication/255599965\\_Effects\\_of\\_Policy\\_and\\_Technological\\_Change\\_on\\_Land\\_Use](https://www.researchgate.net/publication/255599965_Effects_of_Policy_and_Technological_Change_on_Land_Use)

Articles about: Land use, technology and policy

**Technologies (GIS, remote sensing, models) for agroclimatic characterization and sustainable land management** —

<https://a-a-r-s.org/proceeding/ACRS2016/ACRS%202016%20Oral%20Papers/TS8/Ab%200377%20.pdf>

Articles about: Technologies (GIS, remote sensing, models) for agroclimatic characterization and sustainable land management

INSAM Roger Workbook adapt climate change.pdf

RESPONSE FARMING IN RAINFED AGRICULTURE J.Ian Stewart

Published by THE WHARF FOUNDATION PRESS DAVIS, CALIFORNIA 1988

[https://pdf.usaid.gov/pdf\\_docs/PNAAZ896.pdf](https://pdf.usaid.gov/pdf_docs/PNAAZ896.pdf)

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Extension Agrometeorology as the Answer to Stakeholder Realities: Response Farming and the Consequences of Climate Change

by

Kees Stigter

<sup>1,2,\*</sup>,

Yunita T. Winarto

<sup>3</sup>,

Emmanuel Ofori

<sup>4</sup>,

Gugulethu Zuma-Netshiukhwi

<sup>5</sup>,

Durton Nanja

<sup>6</sup> and

Sue Walker

<sup>2</sup>

*Atmosphere* 2013, **4**(3), 237-253; <https://doi.org/10.3390/atmos4030237>

<https://www.mdpi.com/2073-4433/4/3/237C>

Coffee based farming system, Trainer's Manual, Philippines

[https://www.giz.de/en/downloads\\_els/giz2021-en-farming-system-trainer-manual.pdf](https://www.giz.de/en/downloads_els/giz2021-en-farming-system-trainer-manual.pdf)

Adapting to Climate Change, Guidance for protected area managers and planners, Edited by John E. Gross, Stephen Woodley, Leigh A. Welling, and James E.M. Watson

Published by: IUCN, Gland, Switzerland

<https://portals.iucn.org/library/sites/library/files/documents/PAG-024.pdf>

HANDBOOK ON CLIMATE INFORMATION FOR FARMING COMMUNITIES WHAT FARMERS NEED AND WHAT IS AVAILABLE

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[Michele Bernardi](#)

[Eduardo Gelcer](#)

[https://www.academia.edu/38906370/HANDBOOK\\_ON\\_CLIMATE\\_INFORMATION\\_FOR\\_FARMING\\_COMMUNITIES\\_WHAT\\_FARMERS\\_NEED\\_AND\\_WHAT\\_IS\\_AVAILABLE](https://www.academia.edu/38906370/HANDBOOK_ON_CLIMATE_INFORMATION_FOR_FARMING_COMMUNITIES_WHAT_FARMERS_NEED_AND_WHAT_IS_AVAILABLE)

Agroclimatic indices across the Canadian Prairies under a changing climate and their implications for agriculture Aston Chipanshi1 | Mark Berry1 | Yinsuo Zhang2 | Budong Qian2 | Garrett Steier1

International Journal of Climatology ([Agroclimatic indices in CANADA.pdf](#))

Meeting farmers' needs for agrometeorological services: An overview and case studies

July 2010

**Authors:**

[C.I. Stigter, University of the Free State](#)

[Sue Walker, Agricultural Research Council, South Africa](#)

[H P Das](#)

[Samsul Huda, Western Sydney University](#)

[https://www.researchgate.net/publication/228402080\\_Meeting\\_farmers'\\_needs\\_for\\_agrometeorological\\_services\\_An\\_overview\\_and\\_case\\_studies](https://www.researchgate.net/publication/228402080_Meeting_farmers'_needs_for_agrometeorological_services_An_overview_and_case_studies)

Agrometeorology in Croatia Visnja Vucetic vucetic@cirus.dhz.hr Agrometeorological Department Meteorological and Hydrological Service Ljubljana, 9 November 2016 [Agrometeorology in croatia.pdf](#)

A HISTORY OF AGROMETEOROLOGY IN CANADA By GEORGE W. ROBERTSON, Unpublished Report, Atmospheric Environment Program, Environment Canada, 1998.

[History Agrometerology Robertson 1989 Canada.pdf](#)

AGROMETEOROLOGICAL SERVICES in RUSSIA PART I: Structures and work for services and information production OBNINSK, February 2011 Edited by Kees Stigter, March – May 2011 PART II: “Agromet information and services” can be found on the INSAM website under “Accounts of Operational Agrometeorology”. [Russia-agromet-part1.pdf](#)

AGROMETEOROLOGICAL SERVICES in RUSSIA PART II: Agromet information and services OBNINSK, February 2011 Edited by Kees Stigter, March – May 2011 [Russia-agromet-part2.pdf](#)

The dual crop coefficient approach using a density factor to simulate the evapotranspiration of a peach orchard: SIMDualKc model versus eddy covariance measurements

- March 2011
- [Irrigation Science](#) 30(2):115-126

DOI:[10.1007/s00271-011-0267-3](https://doi.org/10.1007/s00271-011-0267-3)

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[Paula Paredes](#), [University of Lisbon](#)

[\(PDF\) The dual crop coefficient approach using a density factor to simulate the evapotranspiration of a peach orchard: SIMDualKc model versus eddy covariance measurements \(researchgate.net\)](#)

A Review of Agrometeorological Monitoring Tools and Methods Used in the West African Sahel  
Seydou Traore, Brahim Sidibe, Bakary Djaby, Abdallah Samba, Ali Badara Kaba, Benoît Sarr, Abou Amani, Bonaventure Some, and Job Andigue AGRHYMET Regional Center Niamey, Republic of Niger  
[A Review of Agrometeorological Monitoring Tools and Methods used in west african sahel.pdf](#)

AGROMETEOROLOGICAL TOOLS AND SERVICES FOR SUSTAINABLE AGRICULTURE - WMO REGIONS IV & VI by Nicholas M. Holden | Anthony J. Brereton | Ireland [agromet tools for zone iv and v.pdf](#)

Tools and Methodologies in Agrometeorology Adrian R. Trotman Caribbean Institute for Meteorology and Hydrology 21-24 October, Nairobi, Kenya [ETATM Trotman RAIV CIMH-Tools and Methodologies in.pdf](#)

Software for Agroclimatic Data Management Proceedings of an Expert Group Meeting October 16-20, 2000, Washington D.C., USA Editors Raymond P. Motha M.V.K. Sivakumar Sponsors United States Department of Agriculture Office of the Chief Economist World Agricultural Outlook Board Washington D.C. 20250, USA World Meteorological Organization Agricultural Meteorology Division 7bis, Avenue de la Paix 1211 Geneva 2, Switzerland [wmo-td\\_1075\\_en-Software for Agroclimatic Data Management.pdf](#)

The Agricultural Meteorology Graduate Major at Iowa State University of Science and Technology Adopted August 2014. Updated May 2019. [Agrometeorology Graduate Course IOTA UNIV.pdf](#)

Education and Training in Agrometeorology, WMO Publication. [Education & Training WMO.pdf](#)

Final Report on Risk Mapping for Climate Vulnerability of 487 upazilas in Bangladesh (Package No. DAE/SD-02) Submitted to Project Director Agro-Meteorological Information Systems Development Project Department of Agricultural Extension (DAE) Khamarbari, Farmgate, Dhaka-1215 [vulnerability maps in bangladesh.pdf](#)

DAE Cadre Officials ToT Manual on Agricultural Climate Services, Government of The People's Republic of Bangladesh Agro Meteorological Information Systems Development Project (Component-C of BWCSR) Department Agricultural Extension Khamarbari, Farmgate, Dhaka-1215, Published By Agrometeorological Information Systems Development Project Department of Agricultural Extension (DAE), and Sher-e-Bangla Agricultural University, Printed by Carpas marketing communication, Mozumdar House (1st Floor) 274/2, S J Jahanara Imam Sarani, Elephant Road, Dhaka [DAE OFFICERS-TRAINING MODULE.pdf](#)

A HISTORY OF AGROMETEOROLOGY IN CANADA By GEORGE W. ROBERTSON,

[History Agrometeorology Robertson 1989 \(1\).pdf](#)

Farmer's Training Manual on Agricultural Climate Services Government of The People's Republic of Bangladesh Agrometeorological Information Systems Development Project (Component-C of BWCSR) Department Agricultural Extension Khamarbari, Farmgate, Dhaka-1215. Published By Agrometeorological Information Systems Development Project Department of Agricultural Extension (DAE), and Sher-e-Bangla Agricultural University, Printed by Carpas marketing communication, Mozumdar House (1st Floor) 274/2, S J Jahanara Imam Sarani, Elephant Road, Dhaka [TRAINING MANUAL-FARMER.pdf](#)

Sub Assistant Agriculture Officers ToT Manual on Agricultural Climate Services. The People's Republic of Bangladesh Agrometeorological Information Systems Development Project (Component-C of BWCSR) Department Agricultural Extension Khamarbari, Farmgate, Dhaka-1215. Published By Agrometeorological Information Systems Development Project Department of Agricultural Extension (DAE), and Sher-e-Bangla Agricultural University, Printed by Carpas marketing communication, Mozumdar House (1st Floor) 274/2, S J Jahanara Imam Sarani, Elephant Road, Dhaka. [TRAINING MANUAL-SAAO.pdf](#)