

Table S1. Climate services papers included in the analysis (chronologically and alphabetically)

Sample code	Paper details
1	1984, Hecht A., Meeting the Challenge of Climate Service in the 1980s, <i>Bulletin of the American Meteorological Society</i> , 65(4), p. 365–366
2	1990, Changnon S., Lamb P., Hubbard K., Regional Climate Centers: New Institutions for Climate Services and Climate-Impact Research, <i>Bulletin of the American Meteorological Society</i> , 71 (4), p. 527-537.
3	2002, Shafer M., The State Climatologist Program and a National Climate Services Initiative, Reprinted from the preprint volume of the 13 th Conference on Applied Climatology, American Meteorological Society, May 13-16, 2002, Portland, OR, 6p.
4	2002, Dutton J., Opportunities and priorities in a new era for weather and climate services, <i>Bulletin of the American Meteorological Society</i> , 83, p. 1303-1311.
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6	2003, de Arroyabe P., Climate services and human health: A niche of opportunities for economic growth, <i>Scientific Annals of 'Alexandru Ioan Cuza' University of Iasi</i> , Volume LIX, no.2, s. II c, Geography series 2013, p. 135- 152.
7	2004, Pasteris P., Puterbaugh T., Motha R., Climate Services - A USDA Perspective, <i>14th Conference on Applied Climatology</i> , American Meteorological Society, Seattle, WA, 6p.
8	2004, Redmond K., Climate Services: an Assessment and a Prediction, <i>14th Conference on Applied Climatology</i> , American Meteorological Society, Seattle, WA, 5p.
9	2004, Shafer M., Climate services: where do we go from here?, <i>14th Conference on Applied Climatology</i> , American Meteorological Society, Seattle, WA, 9p.
10	2004, Hansen J., Zebiak S., Coffey K., Shaping global agendas on climate risk management and climate services: an IRI perspective, <i>Earth Perspectives</i> , 1, 13p.
11	2006, Miles E., Snover A., Whitely Binder L., Sarachik E., Mote P., Mantua N., An approach to design a national climate service, <i>PNAS</i> , 103 (52), p. 19616 –19623.
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13	2007, Rogers D., Boulahya M., Thomson M., Connor S., Dinku T., Shalaby H., Ahmadu B., Niang A., Climate and environmental services for development, <i>International Symposium on Public Weather Service a Key to Service Delivery</i> , Geneva, Switzerland, 7p.
14	2008, Visbeck M., From climate assessment to climate services, <i>Nature Geoscience</i> , 1, p. 2–3.
15	2008, Bellow J., Mokssit A., O'Brien J., Sebbari R., Building National and Specialised Climate Services, in: Troccoli A., Harrison M., Anderson D.L.T., Mason S.J. (eds) <i>Seasonal Climate: Forecasting and Managing Risk</i> . NATO Science Series, vol 82. Springer, Dordrecht, p. 315-349.
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17	2008, World Bank, Weather and Climate Services in Europe and Central Asia. A Regional Review., <i>World Bank working paper n°151</i> , The World Bank, Washington D.C., 114p.

18	2008, Shafer M., Climate literacy and a national climate service, <i>Physical Geography</i> , 29 (6), p. 561-574.
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20	2009, Garfin G, Drought and Climate services in Arizona, Conference Abstract, <i>American Meteorological Society</i> , 8 p.
21	2009, Rodd R., Scavia D., Burton A., Michalak A., Nadelhoffer K., Lemos M., White Paper: Federal Climate Services and Academic Institutions, University of Michigan, 12 p.
22	2009, NOAA, A new vision for climate services in NOAA, Maryland, US National Oceanic and Atmospheric Administration, 22 p.
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32	2011, Semazzi F., Framework for climate services in developing countries, <i>Climate Research</i> , 47, p 145-150.
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49	2014, Kobysheva N., Proposals for working out the Russian segment of Global Framework for Climate Services (GFCS), <i>Russian Meteorology and Hydrology</i> , 39 (2), p. 69-76.
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51	2014, Vaughan C., Dessai S., Climate services for society: origins, institutional arrangements, and design elements for an evaluation framework, <i>Wiley Interdisciplinary Reviews. Climate Change</i> , 5(5), p. 587–603.

52	2014, Dinku T., Block P., Sharoff J., Hailemariam K., Osgood D., del Corral J., Cousin R., Thomson M., Bridging critical gaps in climate services and applications in Africa, <i>Earth Perspectives</i> , 1:15.
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54	2014, Tall A., Davis A., Agrawal S., Does climate information matter? Evaluating climate services for farmers: a proposed monitoring and evaluation framework for participatory assessment of the impact of climate services for male and female farmers, <i>CCAFS Working Paper</i> no. 69., Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), 56p.
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* Those articles are not classified based on their month of publication, as the resting sample, because we were unable to find a specific date of publication.