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Table 1. Overview of 23 papers included in analysis of DSTs.

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| Tool Name | Authors | Paper Title | Name of Journal | Year of Publication |
| AgClimate | Breuer, NE; Cabrera, VE; Ingram, KT; Broad, K; Hildebrand, PE | AgClimate: a case study in participatory decision support system development | Climatic Change | 2009 |
| AgroClimate Tools | Templeton, SR; Shane Perkins, M; Aldridge, HD; Bridges, WC, Jr.; Lassiter, BR | Usefulness and uses of climate forecasts for agricultural extension in South Carolina, USA | Regional Environmental Change | 2016 |
| BlightPro DSS | Small, IM; Joseph, L; Fry, WE | Development and implementation of the BlightPro decision support system for potato and tomato late blight management | Computers and Electronics in Agriculture | 2014 |
| RF-CLASS | Di, L; Yu, EG; Kang, L; Shrestha, R; Bai Y | RF-CLASS: A remote-sensing-based flood crop loss assessment cyber-service system for supporting crop statistics and insurance decision-making | Journal of Integrative Agriculture | 2017 |
| Runoff Risk Advisory Forecast System (WI), Hydrologically Sensitive Area Prediction Tool (NY), Saturated Area Forecast Model (VA), Fertilizer Forecaster (PA), Application Risk Management System (WA), Design Storm Notification System (MO) | Easton, ZM; Kleinman, PJA; Buda, AR; Goering, D; Emberston, N; Reed, S; Drohan, PJ; Walter, MT; Guinan, P; Lory, JA; Sommerlot, AR; Sharpley, A | Short-term Forecasting Tools for Agricultural Nutrient Management | Journal of Environmental Quality | 2013 |
| SmartScape | Tayyebi, A; Arsanjani, JJ; Tayyebi, AH; Omrani, H; Moghadam, HS | Group-based crop change planning: Application of SmartScape (TM) spatial decision support system for resolving conflicts | Ecological Modelling | 2016 |
| Tayyebi, A; Meehan, TD; Dischler, J; Radloff, G; Ferris, M; Gratton, C | SmartScape (TM): A web-based decision support system for assessing the tradeoffs among multiple ecosystem services under crop-change scenarios | Computers and Electronics in Agriculture | 2016 |
| Tayyebi, A; Tayyebi, AH; Vaz, E; Arsanjani, JJ; Helbich, M | Analyzing crop change scenario with the SmartScape (TM) spatial decision support system | Land Use Policy | 2017 |
| Strawberry Advisory System | Vorotnikova, E; Borisova, T; VanSickle, JJ | Evaluation of the profitability of a new precision fungicide application system for strawberry production | Agricultural Systems | 2016 |
| Pavan, W; Fraisse, CW; Peres, NA | Development of a web-based disease forecasting system for strawberries | Computers and Electronics in Agriculture | 2011 |
| WSU Extension DAS | Jones, VP; Brunner, JF; Grove, GG; Petit, B; Tangren, GV; Jones, WE | A web-based decision support system to enhance IPM programs in Washington tree fruit | Pest Management Science | 2014 |
| Dynamic North Florida Dairy Farm Model | Cabrera, VE; Breuer, NE; Hildebrand, PE | Participatory modeling in dairy farm systems: a method for building consensual environmental sustainability using seasonal climate forecasts | Climatic Change | 2011 |
| The Drought Calculator | Dunn, GH; Gutwein, M; Green, TR; Menger, A; Printz, J | The Drought Calculator: Decision Support Tool for Predicting Forage Growth During Drought | Rangeland Ecology and Management | 2016 |
| Native Prairie Adaptive Management DST | Hunt, VM; Jacobi, SK; Gannon, JJ.; Zorn, JE; Moore, CT; Lonsdorf, EV | A Decision Support Tool for Adaptive Management of Native Prairie Ecosystems | Interfaces | 2016 |
| Ecosystem Management Decision Support System | Reynolds, KM; Hessburg, PF; Keane, RE; Menakis, JP | National fuel-treatment budgeting in US federal agencies: Capturing opportunities for transparent decision-making | Forest Ecology and Management | 2011 |
| FireNVC | Thompson, MP; Haas, JR; Gilbertson-Day, JW; Scott, JH; Langowski, P; Bowne, E; Calkin, DE | Development and application of a geospatial wildfire exposure and risk calculation tool | Environmental Modelling and Software | 2014 |
| Integrated Restoration and Protection Strategy, Ecosystem Management DSS | Bollenbacher, BL; Graham, RT; Reynolds, KM | Regional forest landscape restoration priorities: Integrating historical conditions and an uncertain future in the Northern Rocky Mountains | Journal of Forestry | 2009 |
| Interagency Fuels Treatment Decision Support System | Drury, SA; Rauscher, HM; Banwell, EM; Huang, SM; Lavezzo, TL | The interagncy fuels treatment decision support system: Functionality for fuels treatment planning | Fire Ecology | 2015 |
| SILVAH | Stout, SL; Brose, PH | The SILVAH Saga: 40+Years of Collaborative Hordwood Research and Management Highlight Silviculture | Journal of Forestry | 2014 |
| WFDSS & Related Tools | Ryan, KC; Opperman, TS | LANDFIRE - A national vegetation/fuels data base for use in fuels treatment, restoration, and suppression planning | Forest Ecology and Management | 2011 |
| Calkin, DE; Thompson, MP; Finney, MA; Hyde, KD | A real-time risk assessment tool supporting wildland fire cecisionmaking | Journal of Forestry | 2009 |
| Calkin, DC; Finney, MA; Ager, AA; Thompson, MP; Gebert, KM | Progress towards and barriers to implementation of a risk framework for US federal wildland fire policy and decision making | Forest Policy and Economics | 2013 |
| Wildfire Alternatives Website, and Fire-Climate-Society 1 | Morehouse, BJ; O'Brien, S | Facilitating public involvement in strategic planning for wildland fire management | Professional Geographer | 2009 |