

2016 INTERNATIONAL RANGELAND CONGRESS

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Paper ID	Presentation Type	Sub-Theme	Theme	Order	Title of Paper	Corresponding Author Name
10959	Oral	1.1	Ecosite descriptions and ecoregion classification	1	Developing Ecological Site Descriptions on Mongolian Rangelands to Enhance Monitoring Condition and Trend	Michael Hale
10639	Oral	1.1	Ecosite descriptions and ecoregion classification	2	Testing the State and Transition Model for the Stipa krylovii – Cleistogenes squarrosa-forb community in steppe zone of Mongolia	Sunjidmaa Sainnemekh
10592	Oral	1.1	Ecosite descriptions and ecoregion classification	3	Soil types and vegetation on a grassland ecosystem in Uruguay	Valeria Cejas Pena
10669	Oral	1.1	Ecosite descriptions and ecoregion classification	4	Validating Riparian State-and-Transition Models	Miranda Meehan
10554	Oral	1.1	Ecosite descriptions and ecoregion classification	6	Application of the Rangeland Hydrology and Erosion Model to Ecological Site Descriptions and Management	C. Jason Williams
10931	Oral	1.2	Historical development of rangelands	1	Can rangeland livestock systems compete in a global market? evidence from the past and present	Karl Behrendt
11082	Oral	1.2	Historical development of rangelands	2	Canadian Rangeland Development	Peggy Strankman
10884	Oral	1.2	Historical development of rangelands	3	Linking Seed Banks of Tame, Native and Invaded Parkland Pastures to Historical and Contemporary Management Practices	Lysandra Pyle
10610	Oral	1.3	Conservation of wildlife and natural areas	2	The Territory Conservation Agreements Program: Promoting Integrated Conservation Management in Australia's Northern Territory	Jon Hodgetts
10541	Oral	1.3	Conservation of wildlife and natural areas	3	Degradation of Natural Rangelands in Saudi Arabia	Nasser Al-Ghumaiz
10886	Oral	1.3	Conservation of wildlife and natural areas	4	MULTISAR: Partnering for Species at Risk Conservation	Katheryn Taylor
10940	Oral	1.3	Conservation of wildlife and natural areas	5	Planning for rangeland biodiversity at the regional scale: Highlights from Alberta's Biodiversity Management Frameworks	Shannon White
11068	Oral	1.3	Conservation of wildlife and natural areas	6	Pastoral Wildlife Conservancies in Kenya: A Bottom-up Revolution in Conservation, Balancing Livelihoods and Conservation?	Robin Reid
10560	Oral	1.4	Grazing management practices (1)	2	Efforts for sustainable pasture management in Central Asian high mountains: Implementation of the "law on pasture use" in Kyrgyzstan - a case study	Otto Kaufmann
10603	Oral	1.4	Grazing management practices (1)	3	Multi-decadal cow size changes and rangeland grazing: a cryptic trend altering plant-animal interaction ecology and impacts for grazing decisions	John Derek Scasta
10794	Oral	1.4	Grazing management practices (1)	4	Grazing and N-amendment impacts on soil nitrate-N supply rate	Vern Baron
10864	Oral	1.4	Grazing management practices (1)	5	Managing the Land and Vegetation - the Conundrum of Livestock Performance versus Vegetation Response	Roy Roath
10874	Oral	1.4	Grazing management practices (1)	6	Improvement of Cattle Grazing Distribution through Genetic Selection: Challenges and Opportunities	Derek Bailey
10928	Oral	1.5	Genetic resources and forage development	1	Analysis of morphological diversity of five native forage species, used in re-vegetation programs in Chihuahua, Mexico	Carlos Morales-Nieto
10823	Oral	1.5	Genetic resources and forage development	2	Status, potential and strategies for improving Asian grazing lands with special reference to India	Devendra Malaviya
10683	Oral	1.5	Genetic resources and forage development	3	Canadian milkvetch: A range species of concern and curiosity	Nityananda Khanal
10700	Oral	1.5	Genetic resources and forage development	4	Evaluation of Indigenous Lotus Species from the Western USA for Rangeland Revegetation and Restoration	Douglas Johnson
10509	Oral	1.5	Genetic resources and forage development	5	Evaluation of a Bermudagrass Core Collection	William Anderson
10601	Oral	1.5	Genetic resources and forage development	6	Evaluation and utilization of Leymus chinensis germplasm resources	Gongshe Liu
10873	Oral	2.1	Nutritional links from soil to plant to livestock to people	1	Botanical composition of the diet of camels grazing at Kalemendo district, North Darfur State, Sudan	Babo Fadlalla
10537	Oral	2.1	Nutritional links from soil to plant to livestock to people	2	Effect of grazing systems on volatile compounds in subcutaneous fat on Tan lamb	Hai-Ling Luo
10645	Oral	2.1	Nutritional links from soil to plant to livestock to people	3	Effects of N addition and stocking rate on the soil nitrogen mineralization rate of typical steppe in the Loess Plateau, China	Hou Fujiang
10719	Oral	2.1	Nutritional links from soil to plant to livestock to people	5	Preference of Range Plant Species as Assessed by Pastoralists' Perception and Actual Empirical Determinations in a Semi Desert Area in Sudan	Mohammed Abdelkreim
10695	Oral	2.2	Carbon sequestration in rangelands	1	Trade-offs between management of grazing intensity, soil carbon and biodiversity	Cathleen Waters
10763	Oral	2.2	Carbon sequestration in rangelands	2	The implications of the emerging carbon economy for the management of the rangelands of Western New South Wales	John Gavin
10861	Oral	2.2	Carbon sequestration in rangelands	3	Taking account Carbon sequestration of pasture in carbon balance of cattle ranching systems established after deforestation in Amazonia	Vincent Blanfort
10872	Oral	2.2	Carbon sequestration in rangelands	4	Methane and nitrous oxide emissions from cattle dung and urine patches on a tame pasture	Xiyang Hao
11044	Oral	2.2	Carbon sequestration in rangelands	5	Estimation and Economic Valuation of aboveground Carbon Storage (Case Study: Semi-Steppe Rangelands of Middle Alborz Mountains)	Shafagh Rastgar
10791	Oral	2.2	Carbon sequestration in rangelands	6	Grazing and soil carbon: comparing effects of management strategy across vegetation types	Megan McSherry
10953	Oral	2.3	Water supply and quality	1	Livestock and fire management influence fundamental supporting and regulating ecosystem services of grassland ecosystems: the interacting roles of species, vegetation structure and rainfall intensity on the redistribution of water	Elisabeth Huber-Sannwald
10527	Oral	2.3	Water supply and quality	2	Estimating Rangeland Runoff, Soil Erosion, and Salt Mobility and Transport Processes	Mark Weltz
10889	Oral	2.3	Water supply and quality	3	Promoting resilience by influencing water infrastructure development in community managed rangelands of Kenya: case study of Isiolo County	Yasin Salah Mahadi
10789	Oral	2.3	Water supply and quality	4	Strategic supplementation to manage movement of beef cows on hills	Rebecca Hickson
10828	Oral	2.3	Water supply and quality	5	Integrated Lentic Riparian Grazing Management	Sherman Swanson
10930	Oral	2.3	Water supply and quality	6	Collaboration on the Mokelumne Watershed to Assure Water Quality and Preserve Working Landscapes	Theresa Becchetti
10642	Oral	2.4	Wildlife habitat for endangered species	1	Bovids, Bugs and Birds: Livestock Avermectins; A Threat to Grassland Birds?	Wes Olson
10936	Oral	2.4	Wildlife habitat for endangered species	2	Native and exotic seed grasses preferences by grassland birds	Alicia Melgoza
10799	Oral	2.4	Wildlife habitat for endangered species	3	Multiple Approaches to Habitat Conservation: Finding the Right Fit Encourages Producers to Manage for Species at Risk Habitat	Tom Harrison
10947	Oral	2.4	Wildlife habitat for endangered species	4	From Idle back to Working: Evidence of endangered species conservation efforts changing rangeland management policy in the western United States	Sheila Barry
11085	Oral	2.4	Wildlife habitat for endangered species	5	Multi-stakeholder approach to piloting a conservation offset tool in Southeastern Alberta	Karen Raven
10604	Oral	2.5	Grazing management practices (2)	1	Grazing management for biodiversity conservation and landscape function in semi-arid New South Wales	Sarah McDonald
10618	Oral	2.5	Grazing management practices (2)	2	Spinescence and the keystone plant Acacia tortillis ssp. tortillis in the arid Middle East: adjusting architecture to deter different herbivores	Ahmad Hegazy
10699	Oral	2.5	Grazing management practices (2)	3	Litter Retention – some is good, but can there be too much of a good thing?	Eric Lamb

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10801	Oral	2.5	Grazing management practices (2)	4	Interactive Effects of Grassland Plant Diversity and Herbivore Grazing on Litter Decomposition	Ling Wang
10896	Oral	2.5	Grazing management practices (2)	5	Improving the production of grazing lands using different management practices in west Shoa zone of Ethiopia: The case of Ejere district	Abule Gedda
11010	Oral	2.5	Grazing management practices (2)	6	Effects of Arbuscular mycorrhizal fungi on aboveground biomass in relation to distance from livestock watering points in typical steppe	Yingjun Zhang
11055	Oral	3.1	Changes to pastoral systems around the globe (1)	1	New way to manage grazing livestock system in degraded grassland based on system economics	Guodong Han
10636	Oral	3.1	Changes to pastoral systems around the globe (1)	2	Vulnerability and adaptation of Borana pastoralists to social-ecological change in southern Ethiopia.	James Bennett
10681	Oral	3.1	Changes to pastoral systems around the globe (1)	3	Cross-Level Governance of Common Property Rangelands: Three Cases from East Africa	Lance W. Robinson
10898	Oral	3.1	Changes to pastoral systems around the globe (1)	4	Ecological-Cultural Feedbacks in Mongolian Social-Ecological Systems	Maria Fernandez-Gimenez
10742	Oral	3.1	Changes to pastoral systems around the globe (1)	5	Perception and awareness of pastoralists towards livestock marketing and products in Butana area, Sudan	Babo Fadlalla
10833	Oral	3.1	Changes to pastoral systems around the globe (1)	6	Linkages between livestock, rangeland condition, water and people's well-being: A Pilot study on the perceptions of the communal farmers in the rural Eastern Cape, South Africa	Andiswa Finca
10547	Oral	3.2	Privately owned and leased rangeland systems	1	Cowboys or grass farmers?	Colin Paton
10543	Oral	3.2	Privately owned and leased rangeland systems	2	Managing for Biodiversity: A Rancher's Perspective	Hyland Armstrong
10712	Oral	3.2	Privately owned and leased rangeland systems	3	Social and Economic Characteristics of Public Lands Ranchers in the United States: Results of a 2015 Survey	Kristie Maczko
11102	Oral	3.2	Privately owned and leased rangeland systems	4	Leased Rangeland: A Saskatchewan Case Study	Brant Kirychuk
11035	Oral	3.2	Privately owned and leased rangeland systems	5	The Problem of Speaking for Ranchers: Reflexive Social Research in the Multifunctional Rangeland Context	Hailey Wilmer
10680	Oral	3.3	Changes to pastoral systems around the globe (2)	1	The shift from pastoral to agro-pastoral livelihood: current challenges and future research priorities	Shinan Kassam
10941	Oral	3.3	Changes to pastoral systems around the globe (2)	2	Enabling environment for pastoralists by bridging practice and policies	Margherita Gomasasca
10769	Oral	3.3	Changes to pastoral systems around the globe (2)	3	The effect the highland clearances had on the Scottish uplands	Andrew Brewster
11075	Oral	3.3	Changes to pastoral systems around the globe (2)	4	A framework for studying the drivers of grazing systems intensification in the tropics	Cecile Godde
10858	Oral	3.3	Changes to pastoral systems around the globe (2)	5	Ecological intensification in "Livestock - Local Development" interaction	Benoit Dedieu
10848	Oral	3.3	Changes to pastoral systems around the globe (2)	6	Influences of institutional designs on social outcomes of Community-Based Rangeland Management in Mongolia	Tungalag Ulambayar
10730	Oral	3.4	Professional extension and technology-transfer	1	Western Beef Development Centre 1998 to 2018: combining research and extension for the benefit of the Saskatchewan beef industry.	Paul Jefferson
10643	Oral	3.4	Professional extension and technology-transfer	2	The use of a knowledge broker to counteract remoteness in delivering appropriate climate change knowledge in the Australian Rangelands	Kate Forrest
10602	Oral	3.4	Professional extension and technology-transfer	3	Evolving deployment of Extension resources for rangelands in Wyoming: moving from county generalist to regional specialist	John Derek Scasta
10912	Oral	3.4	Professional extension and technology-transfer	4	Pasture and Grazing Management Extension Programming in Northwestern USA	Glenn Shewmaker
11030	Oral	3.4	Professional extension and technology-transfer	5	The Impact of Applied Research and Forage Associations Extension Network on the Viability of Alberta Farmers and Ranchers	Alyssa Krone
10895	Oral	3.4	Professional extension and technology-transfer	6	The Ranching Sustainability Self-Assessment Project	Royce Larsen
10995	Oral	3.5	Social justice issues in rangelands	1	Environmental Imperialism and Greening Dispossession: Social Justice in East Africa's Rangelands	V. Corey Wright
10885	Oral	3.5	Social justice issues in rangelands	5	Small-scale farmers' knowledge of livestock-rangeland management practices in the Gauteng Province, South Africa	Ngoako Lucas Letsoalo
10756	Oral	3.5	Social justice issues in rangelands	6	The use of the Rangeland NRM Alliance to overcome issues caused by isolation through collaboration and support	Kate Forrest
11094	Oral	4.1	Energy development and reclamation of industrial disturbances	1	Perennial Rangeland Grasses for Bioenergy	Susana Feldman
10502	Oral	4.1	Energy development and reclamation of industrial disturbances	3	Factors Regulating Long-Term, Large-Scale Grassland Community Assembly	Matthew Rinella
10868	Oral	4.1	Energy development and reclamation of industrial disturbances	4	Dynamics of vegetation, biological soil crusts, and seed banks along pipelines in Southern Alberta's Mixedgrass Prairie	Lysandra Pyle
10894	Oral	4.1	Energy development and reclamation of industrial disturbances	5	Landowner, operator perspectives on energy-related impacts to natural, agricultural, and social resources in the Bakken oil patch	Devan McGranahan
10993	Oral	4.1	Energy development and reclamation of industrial disturbances	6	The Range Supply Review: A management strategy for a landscape with multiple users	Tyler Morhart
10957	Oral	4.2	Fire management and restoration in rangelands	1	Restoring Fire to Grasslands: An overview	Donald Thompson
10703	Oral	4.2	Fire management and restoration in rangelands	2	Fire Seasonality and Return Interval Effects in Northern Mixed Prairie	Lance Vermeire
11083	Oral	4.2	Fire management and restoration in rangelands	3	The Need for Grazing Fine Fuels After Wet Periods	Sherman Swanson
10913	Oral	4.2	Fire management and restoration in rangelands	4	Factors Affecting the Use of Intensive Prescribed Fire by Landowners in the Southern Great Plains	Urs Kreuter
10961	Oral	4.2	Fire management and restoration in rangelands	5	Targeted Grazing to Manage Wildland Fuels and Alter Fire Behavior	Karen Launchbaugh
11031	Oral	4.2	Fire management and restoration in rangelands	6	Fire as a management ecological tool for the restoration of degraded rangeland ecosystems for livestock grazing in Uganda	Ely Sabiti
10938	Oral	4.3	Cropland abandonment, revegetation with perennial forages and re-used as rangeland	1	Seedling growth of three forage shrubs under four radiation environments for revegetation purposes	Federico Villarreal-Guerrero
10831	Oral	4.3	Cropland abandonment, revegetation with perennial forages and re-used as rangeland	2	Planting Time and Grass Mixtures Affect Forage Kochia Establishment	M. Anwarul Islam
10480	Oral	4.3	Cropland abandonment, revegetation with perennial forages and re-used as rangeland	3	Effect of Particle Size of Para Grass (<i>Brachiaria mutica</i>) and Maize Grain on Intake, Digestibility and Growth Performance of Crossbred Heifers under zero grazing condition in Bangladesh	MA Samad Khan
10520	Oral	4.3	Cropland abandonment, revegetation with perennial forages and re-used as rangeland	4	Support for survival and sustenance to the marginalised people from the semi arid lands of southern districts of Tamilnadu, India	Murugesan Ramamoorthy
10734	Oral	4.4	Invasive species impacts and management in rangelands	1	When tame species go wild: Plant biodiversity loss associated with <i>Bromus inermis</i> encroachment in unseeded grasslands	James Cahill
10557	Oral	4.4	Invasive species impacts and management in rangelands	2	Spray it, wipe it, eat it – demonstration of different noxious weed control options on Saskatchewan Rangelands	Nadia Mori
10909	Oral	4.4	Invasive species impacts and management in rangelands	3	Ecology and Management of Saltcedar	Walter Fick
10798	Oral	4.4	Invasive species impacts and management in rangelands	4	Indian couch (<i>Bothriochloa pertusa</i>) Invasion in Queensland, Australia: Development of an R&D Project to Address Loss of Productivity in Pastures	Nicole Spiegel
10954	Oral	4.4	Invasive species impacts and management in rangelands	5	Maasai Pastoralists' livelihoods threatened: The case of Pastoralist Field Schools in controlling <i>Ipomoea</i> spp in Kajiado County, Kenya	Hedwig Nenkari

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10911	Oral	4.4	Invasive species impacts and management in rangelands	6	Who Fenced the Dogs Out? Collaborative Area Management in South West Queensland	Catherine Crowden
11067	Oral	4.5	Wildlife conflicts and commercial wildlife utilization opportunities	1	Indigenous Nomadic rangeland practices and its impact on rural livelihood	Portia Oware Twerefoo
10922	Oral	4.5	Wildlife conflicts and commercial wildlife utilization opportunities	2	Grazing resource partitioning on the eastern slopes of Alberta	Mark Lyseng
10923	Oral	4.5	Wildlife conflicts and commercial wildlife utilization opportunities	3	Agriculture Conflicts with Rocky Mountain Elk in the Cariboo-Chilcotin	Tim Singer
10862	Oral	6.1	Plant adaptations to climate change	1	Biomass Productivity and Fodder trees/shrubs adaptation to Climate Change based on natural Rangeland management at Kordofan Region – Sudan	Mohammed Abdelkreim
10616	Oral	6.1	Plant adaptations to climate change	2	Seasonal Variation of Greenhouse Gas Fluxes in Alpine Meadow on Qinghai-Tibetan Plateau	Fu-jiang Hou
10731	Oral	6.1	Plant adaptations to climate change	3	Climate warming and long-term trends in Saskatchewan hay yield	Paul Jefferson
10813	Oral	6.1	Plant adaptations to climate change	4	Evolution of the production of megathermal species in the pampas central	Monica Sacido
10842	Oral	6.1	Plant adaptations to climate change	5	Diversity for C3 and C4 plant types in guinea grass reveals its high potential as climate resilient species	Devendra Malaviya
10550	Oral	6.1	Plant adaptations to climate change	6	Potassium and sodium simultaneously plays a positive role in responding to drought stress in <i>Apocynum venetum</i>	Suo-Min Wang
10817	Oral	6.2	Livestock and grazing system adaptations to climate change	1	Flexible Stocking Strategies for Adapting to Climatic Variability	Justin Derner
10647	Oral	6.2	Livestock and grazing system adaptations to climate change	2	Climate Clever Beef: maintaining profitable beef businesses in a changing climate	Kiri Broad
10857	Oral	6.2	Livestock and grazing system adaptations to climate change	3	Mongolian Rangeland Changes with a Changing Climate	Magsar Eerdenetuya
10879	Oral	6.2	Livestock and grazing system adaptations to climate change	4	Modelling adaptation and mitigation strategies for Maori livestock farms in Aotearoa New Zealand	Tanira Kingi
11071	Oral	6.2	Livestock and grazing system adaptations to climate change	5	Rangeland Database Development for a Livestock Early Warning System in the Puna region of Peru	Javier Naupari
10870	Oral	6.2	Livestock and grazing system adaptations to climate change	6	Does Holistic Planned Grazing work in rangelands? A global meta-analysis	Heidi Hawkins
10684	Oral	6.3	Water supply and quality impacts from climate change Historic & cultural response and adaptations to drought in grasslands	1	Water from Rangelands: Climate and Responsive Management	Terry Booth
10768	Oral	6.3	Water supply and quality impacts from climate change Historic & cultural response and adaptations to drought in grasslands	2	Climate Compatible Development in Mongolia: Analysis of vulnerability and adaptation response to global changes	Dennis Ojima
10736	Oral	6.3	Water supply and quality impacts from climate change Historic & cultural response and adaptations to drought in grasslands	3	Bringing rangelands into the backyard: Educating urban audiences about rural landscapes	Mae Smith
10810	Oral	6.4	Modelling future human and climate change in arid and semi-arid areas	1	Temperature and precipitation influences on grassland production across natural subregions of southern Alberta	Tanner Broadbent
10637	Oral	6.4	Modelling future human and climate change in arid and semi-arid areas	2	Modeling spatial distribution changes of a Moroccan sylvopastoral tree under climate change (e.g. <i>Argania spinosa</i> L. Skeels)	Lahssini Said
10529	Oral	6.4	Modelling future human and climate change in arid and semi-arid areas	3	Modelling the impact of human and climate change on <i>Stipa tenacissima</i> distribution in the arid and semi-arid rangelands of North Africa	Mounir Louhaichi
11060	Oral	6.4	Modelling future human and climate change in arid and semi-arid areas	4	Environmental resilience of rangeland ecosystems: assessing climate-driven land degradation in arid and semi-arid zones of Central Asia	Dildora Aralova
10589	Oral	6.5	Range and forage in high latitudes and altitudes	1	Mountain Grazing on Alpine Summer Farms in Switzerland: Ecosystem Services of a Pasture Landscape	Felix Herzog
10612	Oral	6.5	Range and forage in high latitudes and altitudes	2	Strategies to improve rangelands in high altitude regions of India for livestock production	Murari Roy
10623	Oral	6.5	Range and forage in high latitudes and altitudes	3	Effects of three plant litterwater extraction on plant community characteristics in the alpine meadow of Qinghai-Tibetan Plateau	Zhouwen Ma
10825	Oral	6.5	Range and forage in high latitudes and altitudes	4	An Ecological Site Approach to Select Range Improvement Practices on Andean Rangelands	Melody Zarria
10882	Oral	6.5	Range and forage in high latitudes and altitudes	5	A Community-Based Approach to Identifying Grazing Pressure and Land Use Management Structures among Herders in the Altay Mountains, Mongolia	Brianne Altmann
11093	Oral	7.1	Technology in land resource data acquisition and modeling	1	Grassland mapping, measuring, monitoring, modeling, and prediction (4MP) using remote sensing methods	Xulin Guo
10521	Oral	7.1	Technology in land resource data acquisition and modeling	2	Mapping Canada's Rangeland and Forage Resources using Earth Observation	Emily Lindsay
10558	Oral	7.1	Technology in land resource data acquisition and modeling	3	A Risk-based Vulnerability Approach for Rangeland Management	Mariano Hernandez
10829	Oral	7.1	Technology in land resource data acquisition and modeling	4	Assessing the provision of ecosystem services in Alberta's rangeland using a modeling approach	Majid Irvani
10952	Oral	7.1	Technology in land resource data acquisition and modeling	5	Improving the framework of State and Transition Model for condition assessment of <i>Artemisia</i> spp. rangelands in Uzbekistan	Toshpulot Rajabov
11090	Oral	7.1	Technology in land resource data acquisition and modeling	6	The NRM Spatial Hub – turning big data into decisions in the paddock	Phil Tickle
10538	Oral	7.2	Technology in social and psychological data acquisition & modeling	1	Cartography of pastoral vegetation communities in North African arid saline rangelands: the case of Tunisia	Ghassen Chaieb
10553	Oral	7.2	Technology in social and psychological data acquisition & modeling	2	Exploring dynamics of evapotranspiration in a semi arid grassland of South Africa	Onalenna Gwate
10948	Oral	7.2	Technology in social and psychological data acquisition & modeling	3	Detecting and mapping the last frontiers of Savanna Grasslands of the western high plateau of Cameroon	Stephen Ndzeidze
11045	Oral	7.2	Technology in social and psychological data acquisition & modeling	4	Rangeland Data Acquisition: Lessons Learned from Mobile Tool Development	Nancy Elliot
10785	Oral	7.2	Technology in social and psychological data acquisition & modeling	5	Estimating vegetation biophysical and biochemical properties using remote sensing and modeling in a semi-arid grassland	Bing Lu
10804	Oral	7.2	Technology in social and psychological data acquisition & modeling	6	A Prototype Application of State and Transition Simulation Modelling in Support of Grassland Management	Matt Reeves
10672	Oral	7.3	Technology in animal movement data acquisition & modeling	1	The drivers of livestock forage preference in Australian heterogeneous (non-uniform) paddocks	Jaime Manning
10906	Oral	7.3	Technology in animal movement data acquisition & modeling	2	Use of a UAV-mounted video camera to assess feeding behavior of Raramuri Criollo cows	Andres Cibils
10893	Oral	7.3	Technology in animal movement data acquisition & modeling	3	The effects of seed ingestion by livestock, dung fertilization, trampling, grass competition and fire on seedling establishment of two woody plant species	Julius Tjelele
10706	Oral	7.3	Technology in animal movement data acquisition & modeling	4	The Digital Homestead assists rangeland managers to make timely and informed decisions	Ed Charmley
11022	Oral	7.3	Technology in animal movement data acquisition & modeling	5	Alternative breeding scenarios for Abergelle goat breed suited to Arid climate in Ethiopia	Temesgen Jembere
10786	Oral	7.4	Technology in education and extension	1	Developing web applications to aid grazer decision making	David Stevens
10605	Oral	7.4	Technology in education and extension	2	Saskatchewan Ministry of Agriculture: Technology in Education and Extension	Nadia Mori
10724	Oral	7.4	Technology in education and extension	3	Manitoba Beef & Forage Initiatives Inc. : A New Public/Private Collaborative Model for Supporting Beef and Forage Research	Duncan Morrison
10743	Oral	7.4	Technology in education and extension	4	Extension Priorities Guide Ranch Stewardship Mapping Curriculum	Will Boyer
10590	Oral	7.4	Technology in education and extension	5	From Farmers to Farmers and from Researchers to the Public at Large: Films for Communicating Best Practices and Research Findings	Felix Herzog
10819	Oral	7.4	Technology in education and extension	6	Precision Pastoral Management System: automated 'big data' analysis for pastoral properties	Sally Leigo

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10621	Oral	7.5	Technology in fencing, water supply and livestock health	1	Holistic management in a semiarid Patagonian sheep station: slow grassland improvement with animal production complications	Gabriel Oliva
10586	Oral	7.5	Technology in fencing, water supply and livestock health	2	Efficacy of garlic and neem seed extract as control gastrointestinal parasites in goats grazing on rangeland.	Aldo Sales
10624	Oral	7.5	Technology in fencing, water supply and livestock health	3	Aboveground biomass accumulation of Eastern Mongolian <i>Stipa grandis</i> community	Khongorzul Otgon
11086	Oral	7.5	Technology in fencing, water supply and livestock health	4	Driving Miss Daisy; Factors controlling sheep behaviour in Australian Grasslands	Lachlan Ingram
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10644	Poster	1.1	Ecosite descriptions and ecoregion classification	7	Development of the Ecological Site classification in Mongolian rangelands: case study in forest steppe zone	Ulambayar Budbaatar
10662	Poster	1.1	Ecosite descriptions and ecoregion classification	1	Nature of the Savanna-Forest Boundary on Mount Rinjani, Lombok Island, Indonesia	Sutomo Sutomo
10676	Poster	1.1	Ecosite descriptions and ecoregion classification	9	Micro minerals profile of forbs and grasses at flowering stage in rangelands of North Kordofan, Sudan	Sahar Ezzat
11004	Poster	1.1	Ecosite descriptions and ecoregion classification	11	National Resources Inventory (NRI) On-Site Grazing Land Study of Rangeland and Pasture Resources	Gene Fults
11042	Poster	1.1	Ecosite descriptions and ecoregion classification	13	<i>Seriphium plumosum</i> L encroachment is influenced by landscape factors and variations in grassland community	Hosia Turupa Pule
10581	Poster	1.2	Historical development of rangelands	15	Constraints to forage production and rangeland management in Afghanistan	Mounir Louhaichi
10916	Poster	1.3	Conservation of wildlife and natural areas	17	The Status of Biodiversity in the Grassland and Parkland Regions of Alberta	Tara Narwani
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Poster viewing sessions run from 4:30 pm to 6 pm on July 18 (sub-themes 1.1 to 2.5), July 19 (sub-themes 3.1 to 4.5) and July 21 (sub-themes 5.0, 6.1 to 7.5).
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