



## The Future Management of Grazing and Wild Lands in a High-Tech World

### PAPER SUBMISSION GUIDELINES

**The deadline to submit a paper for consideration as oral or poster presentation has been extended to MARCH 15, 2016.**

#### **Themes and Sub-themes:**

##### **1.0 State of Global & Canadian Rangeland and Pasture Resources**

- 1.1 Ecosite descriptions and ecoregion classification
- 1.2 Historical development of rangelands
- 1.3 Conservation of wildlife and natural areas
- 1.4 Grazing management practices
- 1.5 Genetic resources and forage development.

##### **2.0 Ecological Goods & Services of Rangelands & Pasturelands**

- 2.1 Nutritional links from soil to plant to livestock to people
- 2.2 Carbon sequestration in rangelands
- 2.3 Water supply and quality
- 2.4 Wildlife habitat for endangered species
- 2.5 Aesthetic and spiritual value of wild lands

##### **3.0 The People of the Grasslands**

- 3.1 Changes to pastoral systems around the globe
- 3.2 Privately owned and leased rangeland systems
- 3.3 Urban and sub-urban grassland societies
- 3.4 Professional extension and technology-transfer
- 3.5 Social justice issues in rangelands

##### **4.0 Multiple Use of Rangelands**

- 4.1 Energy development and reclamation of industrial disturbances
- 4.2 Fire management and restoration in rangelands
- 4.3 Cropland abandonment, revegetation with perennial forages, and re-used as rangeland
- 4.4 Invasive species impacts and management in rangelands
- 4.5 Wildlife conflicts and commercial wildlife utilization opportunities

##### **5.0 Range and Forage of High Latitudes & Altitudes**

No sub-themes associated with this theme.

##### **6.0 Climate Change in Rangelands**

- 6.1 Plant adaptations to climate change
- 6.2 Livestock and grazing system adaptations to climate change
- 6.3 Water supply and quality impacts from climate change



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6.4 Historic & cultural response and adaptations to drought in grasslands

6.5 Modeling future human and climate change in arid and semi-arid areas

### 7.0 Grazing Land Assessment & Management in a High-Tech World

7.1 Technology in land resource data acquisition and modeling

7.2 Technology in social and psychological data acquisition and modeling

7.3 Technology in animal movement data acquisition and modeling

7.4 Technology in education and extension

7.5 Technology in fencing, water supply, and livestock health

**Congress Language:** The official language of X International Rangeland Congress 2016 is English.

### **Submission Guidelines:**

Only papers written in the standard format described within this *Paper Submission Guidelines* document will be reviewed.

**Papers must be uploaded electronically through the Congress website:**  
**[www.irc2016canada.ca/papers.html](http://www.irc2016canada.ca/papers.html)**

Papers submitted to IRC 2016 should not be previously published in refereed journals or conference proceedings.

Only papers in final form should be uploaded. Papers, once uploaded, cannot be edited once the review starts.

Papers sent by email, post or fax or papers not in English will not be processed by the Congress Editorial Board and will not be forwarded to the reviewers. Online submissions will be acknowledged by e-mail to the corresponding author.

A maximum of **two (2)** papers will be accepted from any one corresponding author. Papers describing programs and projects should focus on what was done and restrict background information such as the description of organization/institution/country to a minimum.

All offered papers will be peer-reviewed by experts. The selection criteria will include: (i) Relevance to the congress theme and sessions; (ii) Significance of information and enriching current state of knowledge; (iii) Originality and novelty; (iv) Structure and clarity; (v) Scientific validity.

### **Presentation Format:**

Presentations at IRC2016 based on the paper will be in either Oral or Poster format. When submitting your paper online you will indicate your preference to be an oral or poster



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presenter. The Editorial Committee retains the right to decide whether the paper is more suited for Oral or Poster presentation.

Authors who have papers accepted for Oral presentation should prepare Microsoft PowerPoint (.pptx file extension) slides.

Presenting authors, both Oral and Poster, will receive detailed instruction about audio/visual capabilities, requirements and appropriate guidelines prior to the Congress. Oral presenters are limited to **12 minutes plus 3 minutes** of audience questions & discussion.

### **Paper Submission dates:**

**The online paper submission system will be open on February 1<sup>st</sup>, 2015 and close on February 29, 2016 at 11:59 PM Central Standard Time (GMT - 6 hr). Submissions will not be accepted after the closing date/time.**

### **Paper & Typing guidelines:**

**Typing guidelines:** All papers should be typed and formatted in Microsoft (MS)Word (.docx) format in digital form. The MS Word version and a PDF version should both be uploaded, as per the instructions on the upload site.

Unless mentioned otherwise, all text should be single spaced. The font should be Times New Roman Font size 11 in single column. A4 size (letter) paper with uniform margin of 25 mm (1 inch) on all four sides should be used. Left and right justified typing is preferred. The headings should be **bold** in font size 11. Please do not apply page numbering or line numbering.

### **Paper length:**

Offered papers can be a maximum of two pages (maximum 1000 words).

### **Title and key words block:**

**Title:** The title should be centered at top of the first page. Font type should be Times New Roman, size 14 points, **bold** and single spaced. After one blank line, type the names of all the authors followed by their affiliations/institutions and mailing address. Use superscripts to match up authors with their respective institution and mailing address. Additionally, provide an e-mail address for the corresponding author; all authors' details should be in upper and lower case letters, centered under the title in Times New Roman Font size 12.

**Key words:** Leave one blank line under the Title. Type "**Key words:**" flush left in **bold** letters, in Font size 11 followed by a maximum of five (5) key words in regular Times New Roman font.

### **Main body of text:**

Type text single-spaced, Times New Roman, Font size 11, with one blank line between paragraphs, and the following Major headings: **Introduction, Materials & Methods, Results**



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**& Discussion, Conclusions & Implications, and References** sections. Start paragraphs flush with the left margin.

**Headings:** All headings should be typed using upper and lower case letters in Times New Roman font size 11 in **bold** without underlining. Major headings: Major headings should be flush with the left margin followed by a single line space.

Sub-headings: Type sub-headings flush with the left margin, in **bold italics**, capitalizing the first letter of the sub-heading.

**Footnotes:** Avoid footnotes, but if needed, then mark footnotes in the text with an asterisk (\*); use a double asterisk (\*\*) for a second footnote on the same page. Place footnotes at the bottom of the page, separated from the text above it by a horizontal line.

### **Illustrations:**

A **maximum of three (3)** figures/charts/graphs/tables/photographs may be embedded within the paper.

**Tables:** All tables with number and caption should be placed directly within the text.

**Figures:** All figures must be in digital form in the appropriate location in the document.

**Photographs:** All photographs should be in jpeg/jpg format and numbered accordingly.

**Placement:** Tables, Figures, photographs *etc.* must be placed in the appropriate location in the document, as close as practicable to the reference in the text.

**Captions:** All captions should be typed in upper and lower case letters, centred directly above tables and below figures and photographs. Use single spacing if they use more than one line. All captions are to be numbered consecutively (Fig. 1, Fig. 2, Table 1, Table 2).

**Copyright:** If the article contains any copyrighted illustrations or imagery, please include a statement of copyright such as: (c) SPOT Image Copyright 19xx (fill in year), CNES. It will be the author's responsibility to obtain any necessary copyright permission.

### **Equations, symbols and units:**

**Equations:** Equations should be numbered consecutively throughout the paper. The equation number should be enclosed in parentheses. One blank line should be left before and after equations.

**Symbols and units:** Use the SI (Systeme Internationale) Units and Symbols. Unusual characters or symbols should be explained as footnote.

### **References and/or selected bibliography:**

A maximum of 5 references should be provided. References should be cited in the text, thus (Smith, 1987b; Kawamura et al., 2000), and listed in alphabetical order in the reference section, leaving a blank line between references. The following arrangements should be used:

### **References from journals:**

Stanford, G., Smith, S.J., 1972. Nitrogen mineralization potential of soil. Science Society America Journal 36, 465-472.



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Kawamura, K., Akiyama, T., Watanabe, O., 2000. Estimation of aboveground biomass in Xilingol steppe using NOAA/NDVI. *Grassland Science* 49(1): 1-9.

Names of journals can be abbreviated according to the "International List of Periodical Title Word Abbreviations". In case of doubt, write names in full.

### Reference to articles in conference proceedings:

Kosta, L. D., S. D. Upadhyay and M. K. Awasthi. 2000. Guava based agroforestry system for rainfed agro ecosystem. In : Proc. *International Conference on Managing Natural Resources for Sustainable Agricultural Production in the 21st Century* (Feb.14-18, 2000), New Delhi.

### References from books:

Bogdan, A.V., 1977. *Tropical Pasture and Fodder Plants*. London: Longman, 205-212.

Robson, M. J., Sheehy, J. E., 1981. Leaf area and light interception . In: Hodgson J, Baker R D, Davies A, et al. *Sward Measurement Handbook*. Berkshire: British Grassland Society, 115-139.

### Articles in edited books:

Tran, V. N. and A. K. Cavangh. 1984. Structural aspects of dormancy. In: D. R. Murray (ed). *Seed Physiology*, vol. 2. *Germination and Reserve Mobilization*, Academic Press. Sydney. pp. 1-44.

Robson, M. J. and J. E. Sheehy, 1981. Leaf area and light interception . In: Hodgson J, Baker R D, Davies A, et al. *Sward Measurement Handbook*. Berkshire: British Grassland Society, 115-139.

### References from other literature:

Smith, J., 1987. Economic printing of color orthophotos. Arlington, VA, USA: Report KRL-01234, Kennedy Research Laboratories.

Smith, J., 2000. Remote sensing to predict volcano out bursts. In: *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences* Kyoto, Japan: Vol. XXVII, Part B1, 456-469.

**References from websites:** Moons, T., 1999. Report on the Joint ISPRS Commission III/IV Workshop "3D Reconstruction and Modelling of Topographic Objects", Stuttgart, Germany [EB/OL]. <http://www.radig.informatik.tu-muenchen.de/ISPRS/WG-III4-IV2-Report.html>.

### Unpublished articles:

Articles in preparation or unpublished observations should not be included in the reference list but may be mentioned in the article text (e.g. Singh, pers. commun.).

# 2016 INTERNATIONAL RANGELAND CONGRESS

17-22 JULY, 2016 | TCU PLACE | SASKATOON, SK



## **The Future Management of Grazing and Wild Lands in a High-Tech World**

*Looking forward to meeting you in Saskatoon!  
Scientific Committee, IRC 2016*