

1. **Name:** WILLMS, Walter D.
2. **Date of birth:** November 23, 1944
3. **Nationality:** Canadian
4. **Gender:** Male

5. School of Graduation and Specialization:

Institution	Field Specialization	Degree/Diploma	Year Completed
Univ. of British Columbia	Wildlife Management	B.S.F.	1969
Univ. of British Columbia	Wildlife Management	M.Sc.	1971
Univ. of British Columbia	Range Management	Ph.D.	1979

Relevant Professional Experience:

Dates	Position or Function	Employer	Location
2012 (July) – present	Retired (Honorary Research Scientist)	Agriculture & Agri-Food Canada	Lethbridge
2000 - 2012	Research Scientist	Agriculture & Agri-Food Canada	Lethbridge
1997- 2000	Head, Land Resource Sciences	Agriculture & Agri-Food Canada	Lethbridge
1982-1997	Research Scientist	Agriculture & Agri-Food Canada	Lethbridge
1980-82	Lecturer	University of Alberta	Edmonton
1978-79	PDF	University of Alberta	Edmonton
1971-74	Technician	Agriculture Canada	Kamloops

Past Research Activities (now retired but currently working on finishing selected projects):

- Grazing impacts on the Mixed Prairie ecosystem.
- Effects of agronomic practices on the primary production, carbon balance, and soil quality in the Northern Great Plains
- Reclamation of disturbed sites using native or agronomic grasses and the effects of biodiversity on the process
- Winter grazing to reduce the cost of livestock production and conserve the native grasslands
- Effect of burning on the Mixed Prairie vegetation

6. List of Achievements:

a. Awards

1. Emerald Award for Research (2001)
2. Member of team awarded Gold Harvest Award (2004)
3. W. R. CHAPLINE RESEARCH AWARD for exceptional and sustained research accomplishments in range science. (2011) presented by the Society for Range Management.
4. PhD Supervisory Professor at the Inner Mongolia Agricultural University (2011)

b. Appointments

1. Adjunct professor in the Department of Agriculture, Food, and Nutritional Science at the Univ. of Alberta (2001 to 2011).
2. Adjunct professor in the Department of Geography at the Univ. of Saskatchewan (2008 to present).
3. Adjunct Professor at the Inner Mongolia Agricultural University (2003 to 2009).
4. Professor at the Inner Mongolia Agricultural University (2009 to present).

5. Review of the USDA-ARS Range Management program (NP 215 - 2011)
6. Member of the Canadian Board of Directors of Plateau Perspectives (NGO working in China - <http://www.plateauperspectives.org/>) (2011 – present)
7. Board member of the Range Research Institute (University of Alberta) – 2010 to present

c. International Experience:

- 1996 - - 3 weeks in northwestern Ukraine to examine pasture management and make recommendations to the PFRA;
- 1999 - Grassland advisor on Poverty Alleviation project in Guizhou, Shanxii;
- 2000 - Invited presentation: Conference on grassland rehabilitation and control of desertification sponsored by the Shijiazhuang Institute of Agricultural Modernization in Guyuang County, Hebei, China
- 2003-2004 One year at the Inner Mongolia Agricultural University (IAMU) on sabbatical with Drs. Zhao Mengli and Han Guodong. During this time we developed a grassland study to examine the effects of litter on grassland biodiversity and productivity.
- 2005 – Visited IMAU as part of ongoing collaboration; participate with Plateau Perspectives (NGO in Qinghai) in the development of a five-year project on conservation biology on the Tibetan Plateau.
- 2006 – Visit IMAU as part of ongoing collaboration; participate with CIDA in IM and Sichuan to deliver training; participate with Plateau Perspectives as advisor on grassland ecology.
- 2007-present - Annual visits to IMAU as part of ongoing collaboration in research and teaching.

d. Invited Participation at National or International Conferences: 15

- e. Publications in refereed scientific (ISC) journals: 140**
- f. Conference proceedings: 75**
- g. Books and chapters: 4**
- h. Other scientific: 50**