

## Rural Communities I

### - *Agricultural Injury Surveillance: International Models of Best Practice* -

Battleford Room – 14:00-17:00

Organised by: *Canadian Agricultural Safety Association*, Saskatchewan, Canada

Co-Chairs: *W Pickett*, Queen's University, Canadian Agriculture Injury Surveillance Program

*B Rein*, Agriculture Safety, U.S. Department of Agriculture

- 421 **Agricultural Injury Surveillance: International Models of Best Practice** 14:00-14:10  
*W Pickett*, Queen's University, Canadian Agriculture Injury Surveillance Program, Oral  
Ontario Canada

The past decade has seen the emergence of a number of model programs for the surveillance of agricultural injuries. These programs aim to provide objective data that in turn inform the development of effective injury prevention initiatives. In retrospect, how effective have these surveillance programs actually been? This workshop will provide participants with an opportunity to examine this issue critically. Various approaches to injury surveillance used in Canada, Australia and the United States will be reviewed, along with discussion of how these surveillance data are actually applied to contemporary injury control practice. The surveillance needs of the international agricultural community will be considered. Two model prevention programs from the United States and Canada will be discussed with an eye to whether surveillance data were actually used in program development. The session will conclude with a moderated discussion that surrounds the adequacy of current surveillance efforts, and whether they meet the many needs of the prevention community.

- 393 **Canadian Agriculture Injury Surveillance Program** 14:10-14:30  
*RJ Brison*, Department of Emergency Medicine, Queen's University, Invited  
Ontario, Canada

Printed abstract not available.

- 375 **Surveillance of On-Farm Injuries to Youth in the United States** 14:30-14:50  
*DL Hard* (presenter), *JR Myers*, Division of Safety Research, National Institute for Invited  
Occupational Safety and Health (NIOSH), West Virginia, USA

The National Institute for Occupational Safety and Health (NIOSH) began a national initiative in 1997 to prevent fatal and nonfatal injuries to youth on farms in the United States. A major component of this initiative is the development of a surveillance program for injuries to youth that occurred on farms. This surveillance program is an internal NIOSH activity, and has the goal of providing national and regional surveillance on injuries occurring to a variety of youth populations exposed to farm hazards. The populations at risk include: youth farm workers and the children of farm workers; children of farm operators; and, children visiting farming operations. Development of the surveillance program included the assessment of existing data sources for their utility in providing on-farm youth injury information, and the development of new data collection systems to cover populations not adequately addressed by existing data systems. Existing data systems that have been examined include the Bureau of Labor Statistics' Census of Occupational Fatal Injuries, the Consumer Product Safety Commission's National Electronic Injury Surveillance System, and the National Center for Health Statistics' Vital Statistics Mortality data system. New data collection efforts include periodic farm operator surveys conducted in cooperation with the National Agricultural Statistics Service, periodic youth farm worker surveys conducted in cooperation

with the Department of Labor through the National Agricultural Workers Survey, and the annual collection of farm-related death certificates through the cooperation of State Vital Statistics Registrars.

- 395 Australian Agriculture Injury Surveillance** 14:50-15:10  
*L Fragar*, Australian Centre for Agricultural Health and Safety, University of  
Sydney, Australia Invited

Printed abstract not available.

- 392 Certified Safe Farms** 15:40-16:00  
*KJ Donham*, Department of Occupational & Environmental Health, College of Public  
Health, University of Iowa, USA Invited

Printed abstract not available.

- 391 Farm Safety Auditing** 16:00-16:20  
*D Anderson*, Canada Invited

Printed abstract not available.

## **Rural Communities II**

Terrace Lounge – 14:00-17:00

Chair: *J Bidwell*, I.ARE.H, University of Saskatchewan, Canada  
*A Williams*, University of Saskatchewan, Canada

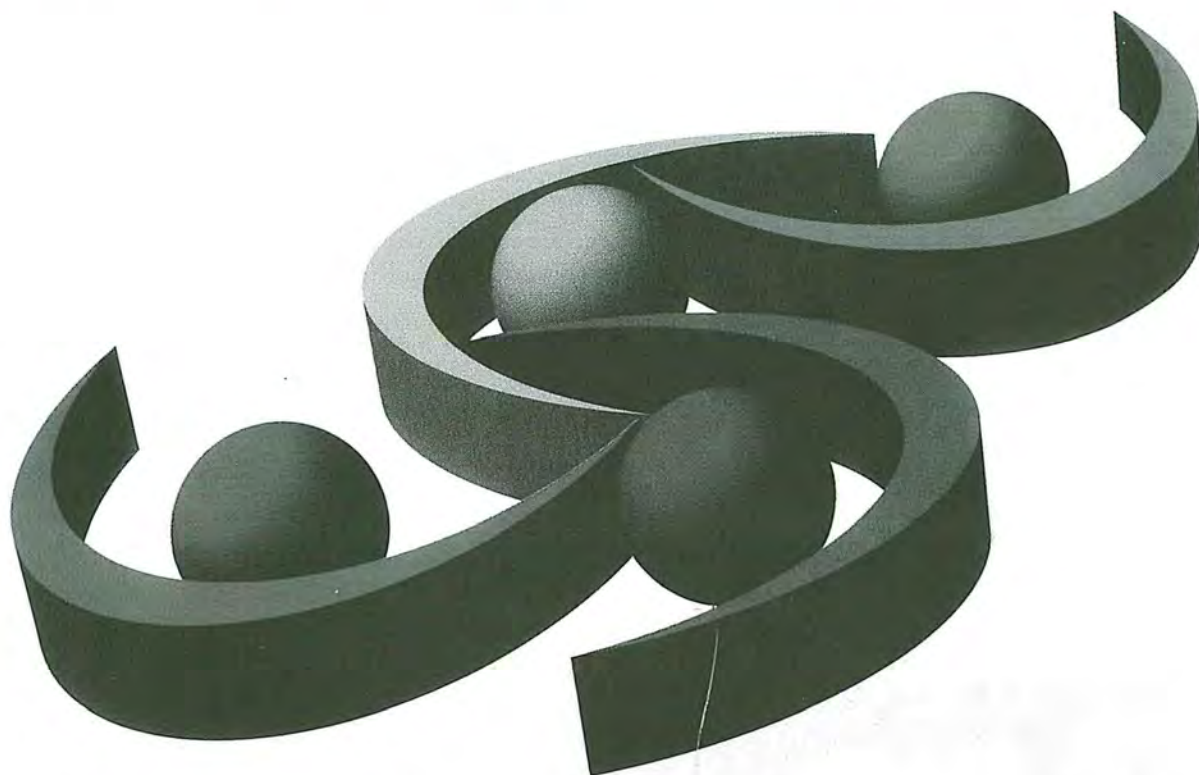
- 98 Environmental Alternatives for Rural Development: The Case of Oaxaca, Mexico** 14:00-14:20  
*RE Mitchell*, Department of Rural Economy, University of Alberta, Canada Oral

This paper examines various environmental alternatives within the context of forest resource-dependent communities of the State of Oaxaca, Mexico. Two main objectives are: (1) the potential environmental and social sustainability of particular rural development routes, and (2) why certain environmental options for rural development are selected over others.

Oaxaca was selected for this study due to its having greater biodiversity and ethnic diversity than other state in Mexico. It is also one of the poorest states in the country, and has 570 municipalities, one-third of Mexico's total. The land tenure regime in Oaxaca is predominately communal, and 91% of forest production in the state comes from communities and ejidos (total productive forest land base of 680,000 hectares). Of the 283 forest-based communities in Oaxaca located in the temperate climatic zone with its dominant pine-oak stands, 137 are involved in legally authorized forest management. While positive examples of good community forest management in Oaxaca exist, many forested areas are currently threatened by illegal or poor logging practices.

The author carried out research for this study from May 15 to December 16, 2002. Field research included extensive time spent in communities of the Sierra Norte region as well as the capital city of Oaxaca. A

# BOOK OF ABSTRACTS



Fifth International Symposium – October 19-23, 2003

## Future of Rural Peoples:

**Rural Economy, Healthy People, Environment, Rural Communities**

Delta Bessborough Hotel,  
Saskatoon, Saskatchewan, Canada  
<http://iareh.usask.ca/symposium2003>

Fifth in the World Leading Series of Symposia  
Addressing Health and Life Issues for Rural People



**I·A·R·E·H**  
Institute of Agricultural Rural and Environmental Health



An initiative of the Institute of Agricultural Rural and Environmental Health (I.A.R.E.H), University of Saskatchewan and World-Wide Partners