

## Svejcar, Tony J

---

As scientist and Research Leader for the USDA-Agricultural Research Service (ARS) in Burns, Oregon, Dr. Tony J. Svejcar's exceptional and sustained research accomplishments have helped shape the science and management of rangeland resources. Tony is recognized nationally because he has dedicated his career to understanding and improving our rangeland resources, has worked tirelessly to bridge the gap between range science and management, and has fostered the development of range science by building the largest rangeland research program in the Great Basin and surrounding ecosystems.

Dr. Svejcar pioneered the use of stable isotope  $^{13}\text{C}$  for carbon cycling research (both plant and animal) and initiated the ARS  $\text{CO}_2$  Flux Network, an effort to identify the influence of U.S. rangelands on the global carbon cycle. Tony and his co-workers have provided substantial knowledge about the ecology and management of western juniper to land managers throughout the western U.S. He has helped frame and define our knowledge on the ecology of riparian vegetation and provided guidance on managing the impact of livestock on riparian ecosystems. Dr. Svejcar has studied the effects of precipitation timing on intact native sagebrush plant communities and he has developed ecologically-based models and principles useful in protecting these systems from invasion by weeds.

Perhaps Dr. Svejcar's greatest contribution to rangeland has been to direct the Eastern Oregon Agricultural Experiment Station into a high quality, energetic, and productive research program. His excellent research skills are only surpassed by his ability to motivate, mentor, and lead other scientists to make their own substantial contribution to understanding and managing our treasured rangelands.

