

SERKAN ATES (PhD)

208, Withycombe Hall
Department of Animal and Rangeland Sciences
Oregon State University, Corvallis
+1 541 7408077
Serkan.ates@oregonstate.edu

EDUCATION

- 2010** **Ph.D. in Pasture Agronomy, Plant Sciences**, Lincoln University, Canterbury, New Zealand
Dissertation title: *Grazing management of subterranean clover (*Trifolium subterraneum* L.) in south island (New Zealand) summer dry pastures*
- 2004** **Postgraduate study in Animal Nutrition, Animal Science**, Ankara University, Turkey
Attended a 2 years of a PhD program and passed the doctoral qualifying exam but not obtained the degree as moved to New Zealand
- 2002** **MSc. in Animal Nutrition, Animal Science**, Suleyman Demirel University, Isparta, Turkey
Dissertation title: *The effect of mill type, degree of grinding and mixing time in mixed feed production on the performance of broiler chicks*
- 1998** **B.A. in Agricultural Science**, degree with majors in Animal Science, Selcuk University, Konya, Turkey
- 1994** **Veterinary high school diploma**, Veterinary Health Technician, Konya, Turkey

PROFESSIONAL EXPERIENCE

- 2016-** **Asst. Prof. Forage/Livestock**, Department of Animal and Rangeland Sciences, Oregon State University
- 2011-2016** **Forage and Pasture Scientist**, Diversification and Sustainable Intensification of Production Systems Programme, International Center for Agricultural Research in the Dry Areas (ICARDA)
- 2009-2011** **Pasture Scientist (Head of Feeds and Animal Feeding Department)**, Bahri Dagdas International Agricultural Research Institute, Konya, Turkey
- 2001-2004** **Agricultural Consultant and Extensionist**, Farmer Training and Extension Department, Karaman Agricultural Province Directorate, Ministry of Food, Agriculture and Livestock
- 1998-2001** **Agricultural Consultant**, Guney sinir Agricultural Township Directorate, Ministry of Agriculture and Rural Affairs
- 1995-1998** **Veterinary Health Technician**, Guney sinir Agricultural Township Directorate, Ministry of Food, Agriculture and Livestock (part time)

PEER-REVIEWED ISI PUBLICATIONS

Ates, S., Keles, G., Demirci, U., Dogan S., Kirbas, M., Filley, S.J. and Parker N.B. (under review) The effects of feeding system and breed on the performance and meat quality of weaned lambs, *Small Ruminant Research*

Slim S., Louhaichi, M., Gamoun, M., Hassan, S., Romdhane, O.B., and Belgacem, A.O. and **Ates, S.** (under

- review) Impact of soil surface scarification and reseeding with sulla (*Hedysarum coronarium* L.) on rehabilitation of degraded semi-arid rangelands. *African Journal of Range & Forage Science*
- Villalba, J.J., **Ates S.** and MacAdam, J.W (invited review paper) Non-fiber carbohydrates in forages and their influence on beef production systems. *Frontiers in Sustainable Food Systems*
- Irawan, A., Noviandi, C.T., Kustantinah, Widyobroto, B.P., Astuti, A. and **Ates, S.** (under review-minor revision) Effect of *Leucaena leucocephala* and corn oil on ruminal fermentation, methane production, and fatty acid profile: an in vitro study. *Animal Production Science*
- Carmona-Flores, L., Bionaz, M., Downing, T., Sahin M., Cheng, L., and **Ates, S.** (under review-major revision) Milk production, N partitioning, metabolic status, and methane emissions in dairy cows grazing mixed or spatially separated simple and diverse pastures. *Animals MDPI*
- Wilson, R.L., Bionaz, M., MacAdam, J.W., Beauchemin, K.A., Naumann, H.D. **Ates, S.** (accepted) Milk production, nitrogen utilization, and methane emission of dairy cows grazing grass, forb, and legume-based pastures. *Journal of Animal Science*
- Gultekin, Y., Filley, S.J., Smallman, M., Hannaway D and **Ates, S.** (accepted) Pasture production, persistence of legumes and lamb growth in summer dry hill pastures. *Grass and Forage Science*
- Cicek, H., **Ates, S.**, Ozcan, G., Tezel M., Kling, J.G., Louhaichi, M., and Keles, G. (2020) Effect of nurse crop and seeding rate on the persistence, productivity and nutritive value of sainfoin in a cereal-based production system. *Grass and Forage Science* 75, 86-95
- Ghahramani, A., Howden, M.S., del Prado, A., Thomas, D.T., Moore, A.D., Jig, B., and **Ates, S.** (2019) Climate change impact, adaptation, and mitigation in temperate grazing systems: A review. *Sustainability*, 11, 7224
- Louhaichi, M., Hassan, S., Missaoui, A.M., **Ates S.**, Petersen, S.L., Niane, A.A., Slim, S., and Belgacem, A.O. (2019) Impacts of Bracteole Removal and Seeding Rate on Seedling Emergence of halophyte shrubs: Implications for Rangeland Rehabilitation in Arid Environments. *The Rangeland Journal* 41, 33-41
- Ates, S.**, Cicek, H., Gultekin, I., Yigezu, Y. A., Keser M., & Filley, S. (2018) Bio-economic analysis of dual-purpose management of winter cereals in high and low input production systems. *Field Crops Research*, 227, 56-66.
- Misra, A. K. Kumar, S., Kumar, T.K., Ahmed, S., Palsaniya, D. R., Ghosh, P. K., Louhaichi, M., Sarker, A., Hassan, S. & **Ates, S** (2018). Nutrient intake and utilization in sheep fed opuntia [*Opuntia ficus-indica* (L.) Mill.] in combination with conventional green and dry fodders. *Range Management and Agroforestry* 39, 97-102
- Ates, S.**, Keles, G., Demirci, U., Dogan, S., & Ben Salem, H. (2017). Biomass yield and feeding value of rye, triticale, and wheat straw produced under a dual-purpose management system. *Journal of Animal Science*, 95, 4893-4903.
- Ates, S.**, Keles, G., Yigezu, Y. A., Demirci, U., Dogan, S., Isik, S., & Sahin, M. (2017). Bio-economic efficiency of creep supplementation of forage legumes or concentrate in pasture-based lamb production system. *Grass and Forage Science*, 72, 818-832.
- Ates, S.**, Ozcan, G., Cicek, H., Kirbas, M., Keles, G., & Isik, S. (2016). Effect of stocking rate on pasture and sheep production in winter and spring lambing systems. *Turkish Journal of Veterinary and Animal Sciences*, 40, 476-489.
- Sraïri, M. T., Benjelloun, R., Karrou, M., **Ates, S.**, & Kuper, M. (2016). Biophysical and economic water productivity of dual-purpose cattle farming. *Animal*, 10, 283-291.
- Porqueddu, C., **Ates, S.**, Louhaichi, M., Kyriazopoulos, A. P., Moreno, G., Pozo, A., Ovalle, C., Ewing M.A. and P.G.H. Nichols (2016). Grasslands in 'Old World' and 'New World' Mediterranean-climate zones: past trends, current status and future research priorities. *Grass and Forage Science*, 71, 1-35.
- Keles, G., **Ates, S.**, Coskun, B., Alatas, M. S., & Isik, S. (2016). Forage yields and feeding value of small grain

- winter cereals for lambs. *Journal of the Science of Food and Agriculture*, 96, 4168-4177.
- Aktas, A. H., Gok, B., **Ates, S.**, Tekin, M. E., Halici, I., Bas, H., Erduran, H., & Kassam, S. (2015). Fattening performance and carcass characteristics of Turkish indigenous Hair and Honamlı goat male kids. *Turkish Journal of Veterinary and Animal Sciences*, 39, 643-653.
- Louhaichi, M., Tarasoff, C., Al-Homsh, H., Hassan, S., **Ates, S.**, and Pypker, T.G. (2015) Effects of salinity and drought on early seedling growth and survival of *Artemisia herba-alba*. *Range Management and Agroforestry* 36, 6-12
- Ates, S.**, Keles, G., Inal, F., Gunes, A., & Dhehibi, B. (2015). Performance of indigenous and exotic× indigenous sheep breeds fed different diets in spring and the efficiency of feeding system in crop–livestock farming. *The Journal of Agricultural Science*, 153, 554-569.
- Ates, S.**, Lucas, R. J., & Edwards, G. R. (2015). Stocking rate effects on liveweight gain of ewes and their twin lambs when grazing subterranean clover–perennial grass pastures. *Grass and forage science*, 70, 418-427.
- Christiansen, S., Ryan, J., Singh, M., **Ates, S.**, Bahhady, F., Mohamed, K., Youssef, O., & Loss, S. (2015). Potential legume alternatives to fallow and wheat monoculture for Mediterranean environments. *Crop and Pasture Science*, 66, 113-121.
- Ates, S.**, Feindel, D., El Moneim, A., & Ryan, J. (2014). Annual forage legumes in dryland agricultural systems of the West Asia and North Africa Regions: research achievements and future perspective. *Grass and Forage Science*, 69, 17-31.
- Keles, G., Coskun, B., Inal, F., Alatas, M. S., **Ates S.** (2014). Conservation characteristics and protein fractions of cereal silages ensiled with additives at booting or dough stage of maturity. *Turkish Journal of Veterinary and Animal Science*, 38, 285-294
- Keles, G., Kurtoglu, V., Demirci, U., **Ates, S.**, Canatan, T., Kan, M., & Gunes, A. (2014). Conservation characteristics of triticale-Hungarian vetch silage ensiled with homo-fermentative or hetero-fermentative lactic acid bacteria in jars. *Animal Nutrition and Feed Technology*, 14, 69-79.
- Coskun, B., Keles, G., Inal, F., Alatas, M. S., Ozcan, C., & **Ates, S.** (2014). Protein fractions and crude protein yield of cereal forages harvested at booting and dough stages of maturity *Journal of the Faculty of Veterinary Medicine, Kafkas University* 20, 457-460 (short communication published in Turkish).
- Ates, S.**, Isik, S., Keles, G., Aktas, A. H., Louhaichi, M., & Nangia, V. (2013). Evaluation of deficit irrigation for efficient sheep production from permanent sown pastures in a dry continental climate. *Agricultural Water Management*, 119, 135-143.
- Ates, S.**, Lucas, R. J., & Edwards, G. R. (2013). Effects of stocking rate and closing date on subterranean clover populations and dry matter production in dryland sheep pastures. *New Zealand Journal of Agricultural Research*, 56, 22-36.

NON-ISI JOURNAL PUBLICATIONS

- Downing, T.W., **Ates, S.** and Cruickshank J. Development of an Index to rank ryegrass varieties for milk production or beef gains potential. *Journal of National Association of County Agriculture Agents Volume 12 (2)*.
- Zoghلامي Khélil, A., Benyoussef, S., Mezni, M., Saïdi Missaoui, H., Hanchi, S., Elayed, M., Gouhis, F., Abdelguerfi, A., Laouar, M., Papastylianou, P., Bilalis, D., Cicek, H., **Ates, S.**, and Dost, M. (2015) Berseem clover (*Trifolium alexandrinum* L.) in the Mediterranean Basin. *Legume Perspectives* 10, 27-28
- Coskun, B., Keles, G., Inal, F., Alatas, M.S., **Ates, S.** (2014). Dry matter production and nutritive value of cereal species harvested at boot or dough stage of maturity. *Scientific Papers Series D. Animal Science*, LVII, 85-89.

- Keles, G., Ates, S., Gunes, A., Halıcı, I. (2012) Nutritive and fermentation characteristics of buckwheat silage that was ensiled with chemical or biological silage additives. *Selcuk University Journal of Agriculture and Food Sciences* 26, 33-36
- Ates, S., Ayhan, V. (2007) the effect of mill type, degree of grinding and mixing time in mixed feed production on the performance of broiler chicks *Suleyman Demirel University Journal of Agricultural Faculty* 2, 11-21

BOOKS AND BOOK CHAPTERS

- Dost, M., Misri, B., El-Nahrawy, M., Khan, S., & Ates, S. (2014). Egyptian Clover (*Trifolium alexandrinum*); King of Forage Crops. *Regional Office for the Near East and North Africa, Food and Agriculture Organization of the United Nations, Cairo*.
- Ates, S. and Lucas, R.J. (2012). Sub clover/grass pastures. In: R. J. Lucas, N. Gow and A. Nichol (eds). *Ashley Dene Lincoln University Farm: the first 100 years*. Christchurch: Lincoln University, 107-109

INVITED/KEY NOTE/ROUND TABLE DISCUSSION PAPERS

- Ates, S., Cicek, H., Bell, L.W., Norman, H. C., Mayberry, D.E., Kassam, S., Hannaway D. B. and Louhaichi M. (2017) Sustainable Development of Smallholder Crop-Livestock Farming in Developing Countries. 4th International Conference on Sustainable Agriculture and Environment. 10-12 August 2017 Solo, Indonesia (Key-note paper)
- Rischkowsky, B. A., Ates, S., Wamatu, J., Hilali, M. E. D., Abbeddou, S., & Nurbekov, A. (2016) Closing the Feed Gap in Drylands for Enhanced Livestock Productivity and Efficient Resource Use. The annual Conference on Tropical and Subtropical Agricultural and Natural Resource Management. Vienna, Austria, 18 September 2016, p 153 (Invited paper)
- Ates, S., Clifton, K., Werner, J. and Louhaichi, M. (2016) The role of governance in sustainable rangeland management. 15th International Meeting of the FAO-CIHEAM Subnetwork on Mediterranean Forages and Fodder Crops, Orestiada, Greece, pp 433-436 (Round table discussion paper)
- Ates, S., Norman, H., Ben Salem, H., Nutt, B. and Cicek, H. (2015) Promising forage options to enhance livestock production in Mediterranean climate agricultural systems. In the Proceedings of XXIII International Grassland Congress, 20 to 24 November, New Delhi, India, pp 21-29 (Key-note paper)
- Ates, S., Casasús, I. and Louhaichi, M. (2014) Diverse and resilient agro-pastoral systems: a common goal for the Mediterranean regions. Joint meeting of "Mountain pastures, Mediterranean forage resources (FAO/CIHEAM) and Mountain Cheese networks", 24-26 June 2014, Clermont-Ferrand, France, pp 545-557 (Key-note paper)
- Ben Salem, H., Ates, S. and Keles, G. (2014) Boosting the role of livestock in the vulnerable production systems in North Africa and West Asia region. *Proceedings of Small Ruminants Congress*, 16-18 October 2014, Konya, Turkey, pp 49-65 (Key-note paper)
- Ates, S., Nefzaoui, A., Keles, G. (2013) The role and management of pastures and fodder resources in integrated crop-livestock systems in West Asia-North Africa. *Proceedings of VII National Animal Feeding Congress (with International Attendance)*, 25-27 September 2013 Ankara, pp 29-37 (Key-note paper)
- Ates, S., Louhaichi, M. (2012) Reflections on agro-pastoralists in the WANA region: challenges and future priorities. In *Options Méditerranéennes* 14th Meeting of the FAO-CIHEAM Sub network on Mediterranean Pastures and Fodder Crops "New Approaches for Grassland Research in a Context of Climatic and Socio-Economic Changes" Series A Mediterranean Seminars No: 102, 511-516 (Round

SELECTED PAPERS IN CONFERENCE PROCEEDINGS

- Ates, S.**, Andrew, A.C., Bionaz M., Smallman, M.A. and Higgins, C.W. (2020) Pasture production and lamb growth in agrivoltaic system. The First International Agrivoltaics Conference, October 14-16, 2020, Perpignan, France
- Ates, S.**, Kassam, S.H., Ozdemir, F., Louhaichi, M. and Higgins, C.W. (2020) Potential of agrivoltaic production systems to alleviate poverty within resource poor communities in dryland areas. The First International Agrivoltaics Conference, October 14-16, 2020, Perpignan, France
- Carmona-Flores, L., Bionaz, M., Downing, T., Sahin M. and **Ates, S.** (2020) Effects of diversity and spatial separation of pastures on milk yields, N partitioning, and methane emissions in dairy cows, ADSA2020 Virtual Annual Meeting 6-24-2020
- Wilson, R.L., Bionaz, M., MacAdam, J.W., Beauchemin, K.A., Naumann, H.D. **Ates, S.** (2020) Milk production, nitrogen utilization, and methane emission of dairy cows grazing grass, forb, and legume-based pastures, ADSA2020 Virtual Annual Meeting 6-24-2020
- Ford, H., Busato, S., Trevisi, E., Gultekin, Y., Bionaz, M. and **Ates, S.** (2020) Chicory and plantain-dominated forb pasture improves health and rumen N efficiency in lactating dairy cows, ADSA2020 Virtual Annual Meeting 6-24-2020
- Melathopoulos A.P. and **Ates, S.** (2020) Evaluating the nectar and pollen resources for honey bees in western Oregon non-irrigated pasture systems 79th Annual Pacific Northwest Insect Management Conference, January 6-7, 2020, Portland, Oregon
- Ates, S.**, Cicek, H., Ozcan G., and M. Tezel (2018) Effect of nurse crop and seeding rate on the productivity and persistence of sainfoin in Central Anatolia ASA and CSSA Meeting, Nov. 4-7, Baltimore, MD
- Ates, S.**, Louhaichi, M., Hassan, H., Cicek, H., Kassam, S., Qudratullah, S., Farhang, A.H. and Esmati, H. (2018) Effect of seeding rate on the yield of legume-cereal bi-crops in rainfed production systems of Afghanistan 5th International Conference on Sustainable Agriculture and Environment October 08-10, Hammamet, Tunisia.
- Ates, S.**, Keles, G., Demirci, U., Dogan, S., Ozcan, G. and Filley, S. (2018) The effects of forage-based and a concentrate feeding system on lamb production 12th World Conference on Animal Production July 5-8, 2018, Vancouver, Canada.
- Hannaway, D.B., Brewer, L.J., **Ates, S.**, Anderson, N.P., Wang, G. Filley, S. Daly, C. Halbleib, M.D., Ringo, C., Monk, S., Moot, D.J., Yang, X., Chapman, D.F., and Sohn, P. (2018) MatchClover: web-based tool for matching clovers to climates, soils, and intended Uses, 27th European Grassland Federation General Meeting, 17th - 21st June Cork, Ireland
- Filley, S.J., Wang, G., Hall, J., Pirelli, G., Bohle, M., **Ates, S.** and Davis, T.Z. (2018) Selenium and fertiliser application schemes in hay fields, 27th European Grassland Federation General Meeting, 17th - 21st June Cork, Ireland
- Slim, S., Harbeg, L., Hassan, S., Moyo, H.P., **Ates, S.** and Louhaichi, M. (2018) Yield and nutritive quality of *Hedysarum coronarium* across three different agro-climatic zones of northern Tunisia, 71st Annual Meeting of The Society for Range Management, Reno, Nevada, US, Jan. 28 to Feb. 2, 2018.
- Keles, G., Kocaman, V., and **Ates, S.** (2017) Feed preference and nutrient digestibility of pelleted or silage form of olive cake as affected by concentrate supplementation. Proceedings of Joint Seminar of the Sub-Network on Production Systems & Sub-Network on Nutrition Vitoria-Gasteiz, Spain, 3-5 October 2017
- Ates, S.**, Demirci, U., Dogan, S., Isik, S., & Keles, G. (2017). Response of pasture-fed lambs to supplementary

- feeding of forage legumes or concentrated feed. In Grassland resources for extensive farming systems in marginal lands: major drivers and future scenarios. Proceedings of the 19th Symposium of the European Grassland Federation, Alghero, Italy, 7-10 May 2017 (pp. 97-99).
- Hassan, S., Inglese, P., Kaabneh, A., **Ates, S.**, & Louhaichi, M. (2017) Evaluation of *Opuntia Ficus-Indica* as a Multi-Purpose Species under West Asia Conditions, in the proceedings of IX International Congress on Cactus Pear and Cochineal "CAM crops for a hotter and drier world", Coquimbo, Chile, 26-30 March 2017 (p. 92)
- Louhaichi M., Clifton, K., Islam, M., **Ates, S.**, Tibbo, M., Rajabov, T., Belgacem, A.O., Rischkowsky, B., & Kassam, S. (2016) The Shift from Pastoral to Agro-Pastoral Livelihood: Current Challenges and Future Research Priorities in the *Proceedings 10th International Rangeland Congress*, Saskatoon, SK, Canada, 16-22 July 2016 (pp 500-501)
- Esmati, H., Louhaichi, M., Niane, A. A., Kassam, S., Hassan, S., Manan, A., Biradar, C., Saharawat, Y., & **Ates, S.** (2016) Livestock and Forage Production in Afghanistan in the *Proceedings 10th International Rangeland Congress*, Saskatoon, SK, Canada, 16-22 July 2016 (pp 338-340)
- Ates, S.**, Louhaichi, M., & Feindel, D. (2016) Constraints to Forage Production and Rangeland Management in Afghanistan in the *Proceedings 10th International Rangeland Congress*, Saskatoon, SK, Canada, 16-22 July 2016 (pp 130-131)
- Ozcan, G., **Ates, S.**, Kirbas, M., Cicek, H., Isik S. (2016) Effect of stocking rate on pasture and sheep production in winter and spring lambing systems, 15th International Meeting of the FAO-CIHEAM Subnetwork on Mediterranean Forages and Fodder Crops, Orestiada, Greece, 12-14 April 2016 (pp. 91-94)
- Hassan, S., **Ates, S.**, Kaabneh, A., Louhaichi, M. (2016). The effect of grazing exclusion on vegetation characteristics and plant community structure in arid lowland pastures. 15th International Meeting of the FAO-CIHEAM Subnetwork on Mediterranean Forages and Fodder Crops, Orestiada, Greece, 12-14 April 2016 (pp. 391-394)
- Louhaichi, M., Ziadat, F., **Ates, S.**, & Zucca, C. (2016) Rangeland rehabilitation in the southern part of the Mediterranean basin. 15th International Meeting of the FAO-CIHEAM Subnetwork on Mediterranean Forages and Fodder Crops, Orestiada, Greece, 12-14 April 2016 (pp. 415-418)
- Louhaichi, M., Hassan, S., **Ates, S.**, & Nefzaoui, A. (2015) Screening for cold tolerant cactus species (*Opuntia ficus indica*) for West Asia region VIII International Congress on Cactus pear and Cochineal, Palermo, Italy, 28-31 October 2015 (pp 259-265)
- Tavva, S., Telleria, R., Bishaw, Z., Niane, A. A., **Ates, S.**, Saharawat, Y. S., & Esmati, H. (2015) Forage seed system, Indigenous knowledge and constraints of forage production in Afghanistan in the Proceedings of XXIII International Grassland Congress, New Delhi, India, 20 to 24 November
- Telleria, **Ates, S.**, Tavva, S., and Esmati, H. (2015) Does producing forages improve livelihoods in dry areas? The case of Afghanistan (on-going research) in the Proceedings of XXIII International Grassland Congress, New Delhi, India, 20 to 24 November
- Djellakh, H., Sersoub, D., Zaghouane, O., Cicek, H., Rekik, M., **Ates, S.**, Salem H. B. and Louhaichi M. (2015) Effect of stubble grazing, tillage and no-till seeder type on pea/barley forage productivity and botanical composition. In the *Proceedings of 2nd International conference on Sustainable Agriculture and Environment*, Konya Turkey, 30 September-3 October 2015 (pp 616-619)
- Ozcan, G., **Ates, S.**, Cicek, H., Isik, S., and Loss, S. (2015) Dry matter production, botanical composition and water use efficiency of simple and multispecies pasture mixtures In the Proceedings of 2nd International conference on Sustainable Agriculture and Environment, Konya Turkey, 30 September-3 October 2015 (pp 810-816)
- Dost, M. and **Ates, S.** (2014) Intercropping of legumes with cereal crops in particular with the perennials to enhance forage yields and quality. In Perennial crops for food security. *Proceedings of the FAO expert*

workshop 28-30 August, 2013, Rome, Italy (pp.221-228)

- Telleria, R. and **Ates, S.** (2014) Barley subsidies in Jordan: The effects on small ruminant production, food security and development of the livestock sector (research in progress) *Proceedings of Small Ruminants Congress*, 16-18 October 2014, Konya, Turkey, (p 171)
- Ates, S.**, Keles, G., Inal, F., Gunes, A., and Louhaichi, M (2013) Performance of Anatolian Merino and Akkaraman lambs fed triticale, Hungarian vetch or a mixture of the two forages. *Proceedings of 22nd International Grasslands Conference*, Sydney 15-21 September (pp.928-930)
- Keles, G., **Ates, S.**, Coskun, B., and Koc, S. (2013) Re-growth yield and nutritive value of winter cereals. *Proceedings of 22nd International Grasslands Conference*, Sydney 15-21 September 2013 (pp. 951-954)
- Isik, S., **Ates, S.**, Gunes, A., Aktas, A.H., & Keles, G. (2012) Effect of deficit irrigation on dry matter and sheep production from permanent sown pastures. In *Options Méditerranéennes. 14th Meeting of the FAO-CIHEAM Sub network on Mediterranean Pastures and Fodder Crops "New Approaches for Grassland Research in a Context of Climatic and Socio-Economic Changes"* No: 102, 327-331
- Ates, S.**, Tongel, M. O., and Moot, D. J. (2010). Annual herbage production increased 40% when subterranean clover was over-drilled into grass-dominant dryland pastures. In *Proceedings of the New Zealand Grassland Association* (Vol. 72, pp. 3-10).
- Ates, S.**, Lucas, R. J., and Edwards, G. R. (2008). Pasture production and liveweight gain from cocksfoot-subterranean clover pastures grazed at two stocking rates and closed at different times during spring. In *Proceedings of the New Zealand Grassland Association* (Vol. 70, pp. 225-232).
- Tozer, K.N., **Ates, S.**, Mapp, N., Smith, M.C., Lucas, R.J., and G.R. Edwards (2007) Effects of MAX PTM endophyte in tall fescue on pasture production and sheep grazing preference, in a dryland environment, 6th International Endophyte Symposium, Christchurch. 25-28 March, 259-262.
- Ates, S.**, Brown, H. E., Lucas, R. J., Smith, M. C., and Edwards, G. R. (2006). Effect of ewe stocking rate in spring on subterranean clover persistence and lamb liveweight gain. In *Proceedings of the New Zealand Grassland Association* (Vol. 68, pp. 95-99).

INVITED TALKS/PRESENTATIONS

- Ates, S.** (2020) Guest speaker at the Oregon Forage and Grassland Council Forage E-forum, July 2, Online Webinar
- Ates, S.** (2017) Guest speaker at the 83rd Annual Meeting of Coos County Livestock Association, November 4, Myrtle Point OR
- Ates, S.** (2016) Key-note presentation at the joint meeting of Oregon Sheep Growers Association & Oregon Forage & Grassland Council, Dec. 1-3 in Springfield, OR
- Ates, S.** and Louhaichi, M. (2013) Invited talk at the pre-conference of satellite meeting on forages in Mediterranean systems, 10-13 September 2013, Albany, Western Australia

TEACHING

- Livestock Production on Pasture (Fall-4 credits)
- Sustainable crop-livestock systems (Winter-3 credits)
- Organic dairy farming (under development)
- Guest lecturing for Dairy Production Systems (Fall 2016/2017) and Exploring World Agriculture (2017/2018) Forage Production (Spring)

GRADUATE ADVISING

Current

- Seeno, Elizabeth, Annie. PhD (April 2019 -), Major supervisor
- Dazae, Azad. PhD (January 2020 -), Major co-supervisor
- Ford, Hunter. PhD (September 2018-), Major co-supervisor
- Parker, Nathan, Benjamin. PhD (September 2020 -), Major supervisor
- Anderson, Jordon, David. MS (September 2020 -), Major co-supervisor
- Andrew, Alyssa, Christine. MS (September 2020 -), Major co-supervisor
- Caudillo, Mia. MS (September 2020 -), Major co-supervisor

Former

- Gultekin, Yunus. MS (March 10, 2020), Animal Production, Evaluation of seasonal yield, forage quality, and persistence of legume species for sheep production systems in non-irrigated western Oregon pastures.
- Carmona, Lorena, Flores. MS (January 21, 2020), Animal Production, Milk and Forage Production from Mixed or Spatially Separated Simple and Diverse Pastures.
- Wilson, Randi, Lyn. MS (January 3, 2020), Animal Science, Milk Yield and Composition of Dairy Cows from Diversified Grass, Forb or Legume-based Summer Pastures.

AD-HOC REVIEWER FOR

- Grass and Forage Science (Associate Editor)
- African Journal of Range & Forage Science (Associate Editor)
- Animals (Referee Board)
- Sustainability
- Crop Science

INTERNATIONAL PROJECT MANAGEMENT EXPERIENCE

- 2014-2016 **Project leader**, Forage options for smallholder livestock in water-scarce environments of Afghanistan funded by ACIAR (3.6 Million AUS\$ for 4 years)
- 2013-2016 **Project scientist**, Community Livestock and Agriculture Project (CLAP) in Afghanistan funded by IFAD (5.4 Million US\$ for 6 years)
- 2012-2016 **Project scientist**, Integrated Crop Livestock Conservation Agriculture for Sustainable Intensification of Cereal-based Systems in North Africa (Algeria and Tunisia) and Central Asia (Tajikistan) funded by IFAD (1.5 Million US\$ for 3 years)
- 2013-2016 **Activity leader**, integrated forage production component in Tunisia, Morocco, Jordan and Tajikistan, CRP Dryland Systems (<http://drylandsystems.cgiar.org>)

PERSONAL AFFILIATIONS

- Member of Continuing Committee of International Grassland Congress (Mediterranean region)
- Board member of the Scientific committee for FAO-CIHEAM Mediterranean pasture and forage" network
- American Society of Agronomy
- American Society of Animal Science
- American Forage and Grassland Council

- New Zealand Grassland Association

REFERENCES

Prof. John Killefer (former Department Head)

Dean of College of Agriculture, Food and Environmental Sciences

South Dakota State University

SAG 131, Box 2207 Brookings, SD 57007

p +1 605-688-4148 Email: john.killefer@sdstate.edu

Dr. David Feindel (Former colleague and director)

Director, Crop Development Centre North, Pest Surveillance Branch at Alberta Agriculture and Rural

Development Crop Diversification Centre North 17507 Fort Road NW, Edmonton, Alberta, T5Y 6H3

p +1 780 422-4911 Email: david.feindel@gov.ab.ca

Dr. Mounir Louhaichi (Former colleague)

Rangeland Scientist

Diversification and Sustainable Intensification of the Production Systems Program (DSIPSP)

International Center for Agricultural Research in Dry Areas (ICARDA)

P.O. Box 950764 Amman Jordan

p +962 06 5903120 Email: M.Louhaichi@cgiar.org