

## PUBLICATIONS

### Theses:

- **Ormaechea S** (2012) Strategic grazing of environments to improve sheep production in fields of the forest-steppe ecotone in Southern Patagonia. Master's thesis, 2012. UBA.
- **Ormaechea S** (2020) Patterns of spatial distribution of sheep in extensive livestock systems of Southern Patagonia. Doctoral thesis, year 2020. UBA.

### Publications in scientific journals

- **Ormaechea S**, Cipriotti PA, Distel RA and Peri PL (2021) The use of nutritional blocks as a tool for grazing management in extensive sheep husbandry. *Southern Ecology*. *Southern Ecology* 31:546-557.
- **Ormaechea S**, Escribano C, Pighin D, Peri P (2019) Post-winter protein supplementation in extensive bovine systems of Tierra del Fuego. *RIA* 45:344-353.
- **Ormaechea S**, Peri PL, Cipriotti PA and Distel RA (2019) The grazing picture in the extensive systems of Southern Patagonia. Perception and management of heterogeneity. *Southern Ecology* 29:174-184.
- Bahamonde HA, Gargaglione V, **Ormaechea S** and Peri PL (2018) Ecological interactions in *Nothofagus antarctica* forests under silvopastoral use in continental southern Patagonia. *Ecosystems* 27:106-115.
- Soler R, Peri PL, Bahamonde H, Gargaglione V, **Ormaechea S**, Herrera A H and Pastur GM (2018) Assessing Knowledge Production for Agrosilvopastoral Systems in South America. *Rangeland Ecology & Management* 71:637-645.
- **Ormaechea S**, Gargaglione V, Bahamonde H A, Escribano C, Ceccaldi E and Peri PL (2018) Bovine production under intensive silvopastoral management at establishment scale and full cycle in Tierra del Fuego, Argentina. *Livestock Research for Rural Development*, Vol: 30. Ed: 2. Art: 33.
- Andrade MA, Suárez DD, Peri PL, Borrelli P, **Ormaechea SG**, Ferrante D, Rivera EH and Sturzenbaum MV (2016) Development of a model for variable allocation of animal load (MAVC) in Southern Patagonia. *Livestock Research for Rural Development* 28 (11).
- Peri PL, Bahamonde HA, Lencinas MV, Gargaglione V, Soler R, **Ormaechea S** and Guillermo Martínez Pastur (2016) A review of silvopastoral systems in native forests of *Nothofagus antarctica* in southern Patagonia, Argentina. *Agroforestry Systems* 90:933-960.
- **Ormaechea S** and Peri P (2015) Landscape heterogeneity influences on sheep habits under extensive grazing management in Southern Patagonia. *Livestock Research for Rural Development*, Vol 27. Ed: 6. Art: 105.
- **Ormaechea S**, Peri PL, Anchorena J and Cipriotti P (2014) Strategic grazing of environments to improve sheep production in fields of the forest-steppe ecotone in Southern Patagonia. *Revista Argentina de Producción Animal* 34:9-21.

## Books

- Andrade M, Suarez D, Peri PL, Borrelli P, **Ormaechea S**, Ferrante D, Rivera E and Sturzenbaum MV (2015) Development of a variable allocation model of animal load in Southern Patagonia, 60 pp Ediciones INTA, Buenos Aires. ISBN: 978-987-521-592-4.
- Peri PL and **Ormaechea S** (2013) Survey of native ñire forests (*Nothofagus antarctica*) in Santa Cruz: basis for their conservation and management. Editions EEA INTA Santa Cruz. ISBN: 978-987-679-219-6.

## Book Chapters

- Oliva G, Ferrante D, Peri P, Utrilla V, Rivera EH, Sturzenbaum MV, Díaz B, Humano G, **Ormaechea S**, Pastur GM, Monelos L; Soler R; Gargaglione V, Bahamonde H, Lencinas MV, Mattenet F (2019) Tierra del Fuego Province, Antarctica and South Atlantic Islands. In: Casas RR y Damiano F (eds) Manual of good practices for soil and water conservation in rainfed areas. pp. 423-446, Volume II. Editorial Foundation for Education, Science and Culture. Buenos Aires. ISBN 9789509149427.
- Peri PL, Caballe G, Hansen NE, Bahamonde HA, Lencinas MV, von Müller AR, **Ormaechea S**, Gargaglione V, Soler R, Sarasola M, Rusch V, Borrelli L, Fernandez ME, Gyenge J, Tejera LE, Lloyd CE and Martínez Pastur G (2017) Silvopastoral systems in Patagonia, Argentina. In: Gordon AM, Newman SM, Coleman BRW (eds) Temperate Agroforestry Systems, Chapter 11, pp 252-273. CAB International, Wallingford, UK. ISBN 9781780644851.
- Peri PL, Hansen NE, Bahamonde HA, Lencinas MV, von Müller AR, **Ormaechea S**, Gargaglione V, Soler R, Tejera LE, Lloyd CE and Martínez Pastur G (2016) Silvopastoral Systems Under Native Forest in Patagonia Argentina. In: Peri PL, Dube F and Varella A (eds) Silvopastoral Systems in Southern South America, pp 117-168. Springer, Cham. ISBN 9783319241074.

## Publications in congresses

- Tessi T, Jacobo E, Cora A and **Ormaechea S** (2021) A utilitarian classification of Argentine Chaco Serrano montane grasslands vegetation. Joint International Grassland & International Rangeland Kenya 2021 Virtual Congress. Nairobi, Kenya. October 25 – 29.
- Wolfmann G, **Ormaechea S**, Serjoy A and Tessi T (2020) Feasibility of developing a remote livestock monitoring system. 12th Argentine Congress of AgroInformatics. 19 to 30 October.
- **Ormaechea S**, Roa M, Huertas L, Cipriotti PA, Distel R and Peri PL (2020) Pyosphere risk due to the use of multinutritional blocks in extensive grazing systems. 43rd National Congress of Animal Production. November 25 to 27, pp 435.
- **Ormaechea S** and Zalazar I (2020) Characterization of sheep producers in the southeast of Córdoba. 43rd National Congress of Animal Production. November 25 to 27, pp 357.
- **Ormaechea S**, Cipriotti P and Peri PL (2018) Habitat selection by sheep in southern Patagonian landscapes with native forest. Proceedings IV National Congress of Silvopastoral Systems, pp 251-262. Ediciones INTA, Villa La Angostura, Neuquén.
- Peri P L and **Ormaechea S** (2018) Water consumption of cattle in a silvopastoral system of ñire (*Nothofagus antarctica*). Proceedings IV National Congress of Silvopastoral Systems. Ediciones INTA, Villa La Angostura, Neuquén, pp 350.

- **Ormaechea S**, Andrade M, Huertas L and Peri P L (2017) Return of nutrients by sheep in a natural pasture of the Dry Magellanic Steppe. 40° Argentine Congress of Animal Production, pp 167.
- Soler R, Lencinas MV, Peri PL, Bahamonde H, Gargaglione V, **Ormaechea S**, Huertas Herrera A and Martínez Pastur G (2017) Review of the scientific literature on agroforestry systems in South America: main attributes and conditioning factors. Proceedings IX International Congress of Silvopastoral Systems, Manizales, Colombia, September 6-8, pp 107-112.
- Peri PL, **Ormaechea S**, Lencinas MV, Bahamonde H, Soler R, Gargaglione V, Monelos L and Martínez Pastur G (2016) Comprehensive approach uniting public policies, production and conservation of silvopastoral use of ñire forests in Patagonia. Proceedings III International Patagonian Agroforestry Congress – I Patagonian International Forestry Congress. Puerto Natales, Chile, December 14-16.
- **Ormaechea S** and Peri PL (2016) Protection of renovals of ñire (*Nothofagus antarctica*) to the ramoneo in the framework of a silvopastoral use. Proceedings III International Patagonian Agroforestry Congress – I Patagonian International Forestry Congress. Puerto Natales, Chile, December 14-16.
- Soler R, Peri PL, Bahamonde H, Gargaglione V, **Ormaechea S**, Sanchez Jardon L, Lencinas MV and Martínez Pastur G (2016) Knowledge production in agroforestry systems of South America: Analysis of publications, international cooperation and the influence of funding origin. Proceedings World Congress Silvopastoral Systems, Évora, Portugal, 27-30 September, pp 299.
- **Ormaechea S**, Escribano C, Cunzolo SA, Pighin D and Peri PL (2015) Association between acquired meekness and indicators of bovine stress in an extensive Patagonian livestock system. 38th Congress of the Argentine Association of Animal Production – RAPA 2015 Vol 35 (Suppl. 1).
- **Ormaechea S**, Moltoni A and Peri PL (2015) Patterns of distribution and interaction between a sheepdog and a sheep in an extensive system of Southern Patagonia. 38th Congress of the Argentine Association of Animal Production – RAPA 2015 Vol 35 (Suppl. 1).
- Soler RM, Peri PL, Bahamonde HA, Gargaglione V, **Ormaechea S**, Sánchez-Jardón L, Lencinas MV and Martínez Pastur G (2015) Agroforestry systems in different forest types of South America: concepts, state of knowledge and recommendations. IUFRO Landscape Ecology Conference. Tartu (Estonia), pp 204.
- Soler RM, Peri PL, Bahamonde HA, Gargaglione V, **Ormaechea S**, Sánchez-Jardón L, Lencinas MV and Martínez Pastur G (2015) State of knowledge of research in agro-silvo-pastoral systems: a look at South America. 3rd National Congress of Silvopastoral Systems. Posadas, Argentina, pp 313-316.
- **Ormaechea S**, Peri P and Gargaglione V (2015) Forage response of *Taraxacum officinale* in a silvopastoral system of native forest in Southern Patagonia. 3rd National Congress of Silvopastoral Systems. Posadas, Argentina, pp. 9-13.
- **Ormaechea S**, Escribano C, Peri PL and Sosa Lovato S (2014) Strategic supplementation in bovine livestock systems of Tierra del Fuego. 37th Congress of the Argentine Association of Animal Production – RAPA 2014 Vol 34 Supplement 1, pp 418.
- **Ormaechea S**, Ceccaldi E and Peri PL (2014) Spatial distribution of sheepdog in an extensive system with sheep from Tierra del Fuego. Communication. 37th Congress of the Argentine Association of Animal Production – RAPA 2014 Vol 34 Supplement 1, pp 334.

- Peri PL, **Ormaechea S**, Martínez Pastur G and Lencinas MV (2013) Diversity of understory in native ñire forests in Santa Cruz. 4th Argentine and Latin American Forestry Congress. Iguazu, Misiones.
- Peri PL, **Ormaechea S**, Martínez Pastur G and Lencinas MV (2013) Provincial inventory of carbon content in native ñire forests in Santa Cruz. 4th Argentine and Latin American Forestry Congress. Iguazu, Misiones.
- Gargaglione V, Peri PL, Bahamonde H, **Ormaechea S** and Monelos L (2012) Sustainable forest management for timber and silvopastoral use. II Meeting of Researchers. National University of Southern Patagonia. St. Julian's.
- **Ormaechea SG**, Peri PL and Ceccaldi E (2012) Spatial use of cattle under two types of livestock management in establishment with ñire forest (*Nothofagus antarctica*). 2nd National Congress of silvopastoral systems. Santiago del Estero, May 9-11, pp. 94-99.
- Bahamonde HA, Peri PL, Gargaglione V, **Ormaechea S** and Ceccaldi E (2012) Animal trampling in a ñire forest under silvopastoral use in Tierra del Fuego, Argentina. 2nd National Congress of silvopastoral systems. Santiago del Estero, May 9 to 11, pp 177.
- Gargaglione V, Peri PL, Monelos LH, **Ormaechea S**, Ceccaldi E, Lencinas MV and Martínez Pastur G (2012) Response of herbaceous vegetation to thinning in ñire forests in Patagonia. 2nd National Congress of silvopastoral systems. Santiago del Estero, May 9-11, pp. 40-45.
- **Ormaechea SG**, Peri PL, Cipriotti PA, Anchorena JA and Huertas L (2012) Use of GPS collars to evaluate the preference of sheep for different environments in Southern Patagonia. 2nd National Congress of silvopastoral systems. Santiago del Estero, May 9-11, pp. 456-461.
- Peri PL, **Ormaechea S**, Ceccaldi E, Bahamonde H and Gargaglione V (2012) A question of scale: Cattle management at the establishment level with ñire forest in Tierra del Fuego. 2nd National Congress of Silvopastoral Systems. Santiago del Estero, May 9-11, pp. 45-51.
- **Ormaechea SG**, Peri PL, Anchorena J and Cipriotti P (2011) A comparison of two types of sheep grazing management in a forest - grass steppe ecotone in southern Patagonia. IX International Rangeland Congress. Rosario, Argentina, pp 661.
- **Ormaechea SG**, Peri PL, Cipriotti P and Anchorena J (2010) Production and quality of wool under different livestock management in an establishment with ñire forest in Santa Cruz. I International Patagonian Agroforestry Congress. Coyhaique, Chile pp 323.
- **Ormaechea SG**, Peri PL, Molina R and Mayo JP (2009) Situation and current management of the livestock sector in establishments with ñire forest (*Nothofagus antarctica*) of southern Patagonia. 1st Silvopastoral National Congress. Posadas, Argentina, pp 385-393.

#### Publications in conferences

- Peri PL, **Ormaechea S**, Lencinas MV, Bahamonde H, Soler R, Gargaglione V, Rosas Y and Martínez Pastur G (2016) Ecosystem services approach to planning the use of the ñire forests of Santa Cruz. Patagonian Forestry Days – III Southern Patagonian Forestry Days. Esquel, 9-13 November.
- **Ormaechea S**, Escribano C and Peri PL (2016) Meekness acquired by management in extensive bovine systems with ñire forest. Patagonian Forestry Days – III Southern Patagonian Forestry Days. Esquel, 9-13 November.

- Peri P, Bahamonde H, Monelos L, **Ormaechea S** and Gargaglione V (2013) Water use in forest ecosystems in Santa Cruz. 1st Patagonian International Environmental Forum. Río Gallegos September 26 and 27.
- Peri P, **Ormaechea S**, Pastore H and Ramilo E (2013) Distribution of huemul in the native forest of Santa Cruz. II Forestry Conference of Southern Patagonia. Calafate, Argentina pp 17.
- Peri P and **Ormaechea S** (2013) Exotic invasive species in Santa Cruz ñirantales: *Hieracium prealtum* and *Hypochaeris radicata*. II Forestry Conference of Southern Patagonia. Calafate, Argentina pp 103.
- **Ormaechea S** and Peri P (2013) Presence of *Taraxacum officinale* in ñire forests of Santa Cruz. II Forestry Conference of Southern Patagonia. Calafate, Argentina pp 71.
- **Ormaechea S** and Peri P (2013) Exploration of cattle in cattle ranches with native forest in Tierra del Fuego. II Forestry Conference of Southern Patagonia. Calafate, Argentina, pp 107.
- **Ormaechea SG** and Peri PL (2010) Protection of ñire renovals al ramoneo in the framework of a silvopastoral use. Forestry Days of Southern Patagonia. Ushuaia, Argentina, pp 94.
- Gargaglione V, Peri PL, Monelos L, **Ormaechea SG**, Bahamonde H and Martínez Pastur G (2010) Evaluation of the response of a *nothofagus antarctica* understory grassland after the opening of the tree canopy to install a silvopastoral system. Forestry Days of Southern Patagonia. Ushuaia, Argentina, pp 93.

#### Technical publications

- Franz N, **Ormaechea S** and Traidani O (2020) Heavy lamb production. Series of technical booklets on sheep production in the province of Córdoba. INTA Córdoba Regional Center. Technical booklet N°1.
- Martínez Pastur G, Peri PL, Soler R, Bahamonde H, Paredes D, Favoretti S, **Ormaechea S** and Lencinas MV (2016) Agroforestry research in Southern Patagonia: What do producers think of what scientists investigate? Revista La Lupa (CADIC) 9:4-9.
- Andrade M, Suárez D, Peri PL, Borrelli P, **Ormaechea S**, Ferrante D, Rivera and Sturzenbaum M (2015) Development of a Variable Animal Load Allocation Model in Southern Patagonia. Technical Publication EEA INTA Santa Cruz, 32 pp.
- Peri PL, Suarez D, Cipriotti PA, Rivera E, **Ormaechea S** and Sturzenbaum MV (2013) Determination of intensity and sampling error for the evaluation of grasslands considering different spatial scales: Contributions to the Santa Cruz method. Technical Publication EEA INTA Santa Cruz, 34 pp.
- Peri PL, **Ormaechea S**, Monelos L, Paz F, Gargaglione V, Bahamonde H, Alvarado C, Gaitán F, Beroiz M, Mattenet F, Mayo JP and Pesin C (2012) Punta Gruesa Provincial Reserve, Santa Cruz: basis for its conservation and management. Final Report of the Project for the Conservation and Management of Native Forests "Integral management of the Punta Gruesa provincial reserve (Santa Cruz) of the National Program for the Protection of Native Forests- Secretariat of Environment and Sustainable Development - Resolution SAyDS 256/2009. 93 pp, Río Gallegos, Santa Cruz.
- Peri PL, Utrilla VR, Suárez DD and **Ormaechea SG** (2011) Indicators of degradation in mallines. Newspaper Campo Austral. EEA INTA Santa Cruz, pp 7.

- **Ormaechea** SG, Utrilla VR, Suárez DD and Peri PL (2010) Objective evaluation of the condition of mallines of Santa Cruz. Technical Information Booklet. EEA INTA Santa Cruz. Animal production, pp 47-52.
- **Ormaechea** SG, Suárez DD, Peri PL and Utrilla VR (2010) Condition of mallines: A guide for the objective evaluation of the state of deterioration of the mallines of Santa Cruz. Instructional brochure. EEA INTA Santa Cruz.
- Suárez DD, **Ormaechea** SG, Peri PL and Utrilla VR (2010) Objective characterization of the condition in mallines of Santa Cruz. Technical report. EEA INTA Santa Cruz, 21 pp.
- Peri PL, **Ormaechea** SG and Huertas L (2009) Protection of ñire renovales. Technical Booklet EEA INTA Santa Cruz, pp 15-16.