

Christine Jones - short CV

Qualifications

B.Sc. (First Class Honours) University of New South Wales, Kensington, NSW, Australia
PhD. University of New England, Armidale, NSW, Australia

Research/teaching/extension experience

1973-1981: University of New South Wales, CSIRO Division of Textile Technology
1981-1998: University of New England; Agronomy, Soil Science, Botany
1998-2003: NSW Department of Land and Water Conservation
2004: Founding of 'Amazing Carbon'
2005: Implementation of the 'Managing the Carbon Cycle' Forum series
2007: Launch of the Australian Soil Carbon Accreditation Scheme (ASCAS)
2009: Establishment of the A & K Hill Green Agriculture Innovation Awards (GAIA)
2014: Scientific Advisor on Plant Nutrition, Best Environmental Technologies.
2015: 'Fundamentals of Soils' workshops: Australia, New Zealand, Costa Rica, USA, Canada.

Short bio

Dr Christine Jones is an internationally renowned and highly respected groundcover and soils ecologist. She has a wealth of experience working with innovative landholders to implement regenerative land management practices that enhance biodiversity, increase biological activity, sequester carbon, activate soil nutrient cycles, restore water balance, improve productivity and create new topsoil. Christine has organised and participated in workshops, field days, seminars and conferences throughout Australia, New Zealand, South Africa, Zimbabwe, Europe and North America and has a strong publication and presentation record.

Christine received a Community Fellowship Award from Land and Water Australia in 2001. The LWA Community Fellowship Program was designed to 'provide recognition to individuals with an outstanding track record in mobilising and inspiring the community to better manage their land, water and vegetation'.

In February 2009, Christine established the prestigious A & K Hill Green Agriculture Innovation Awards (GAIA) with generous support from Allan and Kay Hill, who viewed an ABC Landline program documenting her vision to improve landscape health and farm productivity through the rebuilding of topsoil. The GAIA awards ran for five years.

Christine is a member of Arizona State University's 'Carbon Nation Team' and sits on the advisory panel of 'The Carbon Underground'. These organisations recognise that farming and grazing practices designed to improve levels of soil carbon through the active management of diverse yearlong green groundcover are key to the restoration of soil function, water balance and the nutrient density of food.

Selected publications on land management and soil health

- Jones, C.E. (1996). Pastoral value and production from native pastures. *New Zealand Journal of Agricultural Research*, **39**: 449 - 456.
- Jones, C.E. (1998). Permanent groundcover farming. *Second International Women in Agriculture Conference*, Washington, DC, USA. June 1998.
- Jones, C.E. (1999). Cropping native pasture and conserving biodiversity: a potential technique. *Proceedings Bushcare Conference 'Balancing Conservation and Production in Grassy Landscapes'*, Clare, SA, pp. 142-144.
- Jones, C.E. (2000a). Grazing management for healthy soils. *Stipa Inaugural National Grasslands Conference 'Better Pastures Naturally'*, Mudgee, NSW, pp. 68-75.
- Jones, C.E. (2000b). The Great Salinity Debate Part I: Controlling the salinisation process. *Holistic Management Australian Quarterly Newsletter*, July 2000, pp. 4-6; reprinted in *Australian Farm Journal*, October 2000, pp. 90-92.
- Jones, C.E. (2000c). The Great Salinity Debate Part II: Why the recharge-discharge model is fundamentally flawed. *Stipa Native Grasses Newsletter* No. 14, pp. 6-11; reprinted in *Australian Farm Journal*, January 2001, pp. 58-61.

- Jones, C.E. (2001). The Great Salinity Debate Part III: Soil organic matter: past lessons for future learning. *Stipa Native Grasses Newsletter* No. 15, pp. 4-9; reprinted in *Australian Farm Journal*, March 2001, pp. 60-63.
- Jones, C.E. (2001). Aussie farmers lead the way. *GRDC GroundCover magazine*, Autumn 2001.
- Jones, C.E. (2001). Balanced soil, balanced water. *Proceedings Stipa Native Grasses Assoc. Second National Conference*, Dookie College, VIC, pp. 94-98.
- Jones, C.E. (2001). Regenerative land management: a whole of landscape approach to the restoration of water balance and water quality. *'Beyond Streambank Fencing' Landcare Forum*, Gloucester, NSW, December 2001.
- Jones, C.E. (2001) How can you tell if your pasture is healthy? *'Beyond Streambank Fencing' Landcare Forum*, Gloucester, NSW, December 2001.
- Jones, C.E. (2002). Building new topsoil. *Stipa Native Grasses "Changing Landscapes" Forum*, Armidale, NSW, May 2002.
- Jones, C.E. (2003). 'Recognise Relate Innovate' NHT Project BD0444.98 'Ecological and Technical Support for Landcare on Rangelands' Final Report. <http://www.amazingcarbon.com/>
- Jones, C.E. (2004). Managing Soil Life. *South African Holistic Management Conference*, Tiger Kloof, Vryburg, South Africa, 30 March 2004.
- Jones, C.E. (2005). Carbon storage in soils: myth or reality? *Aust. Farm Journal*, August 2005, pp. 18-21.
- Jones, C.E. (2005). Dollars for soil carbon. *Australian Farm Journal*, September 2005, p.58.
- Jones, C.E. (2005). Editor *'Managing the Carbon Cycle' Forum Proceedings*, Armidale NSW 13-14 September 2005.
- Jones, C.E. (2005). Smarter farming cuts global warming. *Aust. Farm Journal*, October 2005, pp. 54-56.
- Jones, C.E. (2005). Managing the carbon cycle. *Australian Landcare*, Sept 2005, p. 41.
- Jones, C.E. (2006). Potential for high returns from more soil carbon. *Australian Farm Journal*, February 2006, pp. 55-58.
- Jones, C.E. (2006). Aggregate or aggravate? Creating soil carbon. *YLAD Living Soils Seminar*, Young, NSW, 15 February 2006.
- Jones, C.E. (2006). CARBON - what is it's role in farming? *Proceedings 11th Annual CWCFSA Soils Conference*, Wellington, NSW, 21 February 2006, pp. 15-18.
- Jones, C.E. (2006). Soil carbon means water to me. Border Rivers-Gwydir CMA and Grain & Graze *'Practical clues for pasture cropping' workshops*. 'Malgara' 27 Feb, 'Gowrie' 28 Feb and 'Kyabra' 1 March 2006.
- Jones, C.E. (2006). Soil carbon stops salt. *Australian Farm Journal*, May 2006, pp. 60-62.
- Jones, C.E. (2006). Balancing the Greenhouse Equation. *Australian Organic Journal*, No. 66, pp. 18-19.
- Jones, C.E. (2006). Regenerative grassland management. *Balala-Brushgrove Landcare Group Pinrush and Grazing Management Trials Summary Technical Report 1991-1998*, 2nd ed. Armidale NSW.
- Jones, C.E. (2006). Ed *'Managing the Carbon Cycle' Forum Proceedings*, Horsham, VIC 26-27 July 2006
- Jones, C.E. (2006). Carbon, air and water - is that all we need? *'Healthy Soils through Communication' Symposium*, Seymour, Vic, 16-17 August 2006.
- Jones, C.E. and Clarke, K. (2006). Editors *'Managing the Carbon Cycle' Forum Proceedings*, Kingaroy, Qld, 25-26 October 2006.
- Jones, C.E. (2006). Catching carbon, storing water. *NSF International Reference Panel meeting, 'The Science and the Practice'* Bungendore, NSW, 31Oct-1Nov 2006.
- Jones, C.E. (2006). Carbon and Catchments. *National 'Managing the Carbon Cycle' Forum*, Queanbeyan, NSW, 22-23 November 2006.
- Jones, C.E. (2007). Australian Soil Carbon Accreditation Scheme. *'Managing the Carbon Cycle' Workshop*, Katanning, WA, 21-22 March 2007.
- Jones, C.E. (2007). Building soil carbon with Yearlong Green Farming (YGF). *Evergreen Farming Newsletter*, September 2007, pp. 4-5.
- Jones, C.E. (2008). Liquid carbon pathway unrecognised. *Australian Farm Journal*, July 2008, pp. 15-17.
- Jones, C.E. (2008). Our soils, our future. *Murray CMA 'Meeting in the Middle' workshop*, Aberfeldy Station, NSW, 10 July 2008.
- Jones, C.E. (2009). Carbon for many reasons. *Evergreen Farming Pastures for Profit Workshops*, Mt Barker 17th March and Dongara 19th March 2009.
- Jones, C.E. (2009). Adapting farming to climate variability. *Landcare workshops*. Bega 17 April, Tarcutta 20 April, Corryong 21 April, Bairnsdale 20 July; Strategic Focus 23 July, Team Te Mania 31 July.
- Jones, C.E. (2009). Mycorrhizal fungi - powerhouse of the soil. *Evergreen Farming Newsletter*, September 2009, pp. 4-5.
- Jones, C.E. (2010). The Back Forty Down Under: Adapting Farming to Climate Variability. *The Quivira Coalition Journal*. No.35, February 2010, pp. 11-16.

- Jones, C.E. (2010). Carbon friendly beef - is it possible? *Angus Australia National Conference*. Albury, 27 April 2010.
- Jones, C.E. (2010). Soil carbon - can it save agriculture's bacon? *Australian Farm Institute 'Agriculture Greenhouse and Emissions' Conference*, Adelaide Convention Centre, Adelaide, 18-19 May 2010.
- Jones, C.E. (2011). Carbon that counts. *New England and North West Landcare Adventure*, Guyra, NSW, 16-17 March 2011.
- Jones, C.E. (2013). From light to life: restoring farmland soils. *WANTFA New Frontiers in Agriculture*, September 2013, pp.100-104.
- Jones, C.E. (2014). Nitrogen: the double-edged sword. *WANTFA New Frontiers in Agriculture*, Winter 2014, Vol.22 (2), pp. 58-61.
- Jones, C.E. (2015). Unlock the secrets in the soil. *WANTFA New Frontiers in Agriculture*, Summer 2014-2015, Vol.22 (4), pp.138-139.
- Jones, C.E. (2015). SOS: Save our Soils. The life-giving link between carbon and healthy topsoil. *Acres U.S.A.*, March 2015. Vol.45 (3), pp. 56-68.

A full list of publications, including those in peer-reviewed scientific journals, is available on request.

Submissions to government inquiries

- Jones, C.E. (2008). Submission to the Senate Standing Committee on Rural and Regional Affairs and Transport. Inquiry into climate change and the Australian agricultural sector. Submission no.42. Appeared as a witness 30 June 2008.
http://www.aph.gov.au/senate/committee/rrat_ctte/climate_change/submissions/sub42.pdf
- Jones, C.E. (2008). Submission to the Senate Standing Committee on Rural and Regional Affairs and Transport. Inquiry into the implementation, operation and administration of the legislation underpinning carbon sink forests and any other related matter. Submission no.58. Appeared as a witness 11 September 2008. Accompanied RRAT Committee on field inspection to broadacre cropping property in western NSW on 12 September 2008.
http://www.aph.gov.au/Senate/committee/rrat_ctte/carbon_sink/submissions/sub58.pdf
- Jones, C.E. (2009). Submission to Senate Select Committee on Climate Policy. Appeared as a witness in Canberra hearing, 16 April 2009.
http://www.aph.gov.au/Senate/committee/climate_ctte/report/e02.htm#anc2
- Jones, C.E. (2009). Submission to House of Representatives Standing Committee on Primary Industries and Resources. Inquiry into the role of government in assisting Australian farmers to adapt to the impacts of climate change. Submission no.52. Appeared as a witness 24 June 2009. Accompanied PIR Committee on inspection of Australian Soil Carbon Accreditation Scheme (ASCAS) measuring sites in Western Australia 24-25 September 2009.
<http://www.aph.gov.au/house/committee/pir/australianfarmers/subs/sub052.pdf>
- Jones, C.E. (2009). Submission to the Environment and Natural Resources Committee inquiry into Soil Sequestration in Victoria. 17 December 2009. Submission no.17. Appeared as a witness 1 March 2010. Members of ENRC Committee attended farming community workshops Bendigo 31 March, Glenormiston College 22 April 2010.
http://www.parliament.vic.gov.au/enrc/inquiries/soil_sequestration/submissions/17_Australian_Soil_Carbon_Accreditation_Scheme.pdf
- Jones, C.E. (2011). Submission to the Department of Climate Change and Energy Efficiency on the design of the proposed Carbon Farming Initiative. 21 January 2011. Submission no.174.
<http://www.climatechange.gov.au/government/submissions/carbon-farming-initiative.aspx>