

## CURRICULUM VITAE

**Clara Inés Nicholls, Ph.D.**

### PERSONAL

Date of Birth: 14 December 1964  
Place of Birth: Medellin, Colombia  
Nationality at Birth: Colombian  
Present citizenship: US Citizen (dual Colombian)  
Colombian Passport: 42.885.839  
US Passport: No. 056885007  
Marital Status: Married (husband, no children)

### ADDRESS

#### Work

University of California, Berkeley  
Division of Insect Biology  
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#### Residence

2156 Jefferson Ave  
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### EDUCATION

B.S (grad.1990). Universidad Nacional de Colombia, Medellin. Agronomy Major.  
M. S (grad.1994). Colegio de Postgraduados, Chapingo, Mexico. Entomology Major.  
Ph.D (grad.1998). University of California, Davis. Department of Entomology. Entomology-Biological Control

### LANGUAGES

Spanish (Excellent)  
English (Excellent)  
Portuguese (Fair)

### POSITIONS

1990. Field Entomologist, PROBAN - Banana Plantations. Uraba, Colombia  
1990-1992. Research Entomologist in Flower Production, Flores Esmeralda. Medellin, Colombia  
1994-present Instructor of Biological Control and Pest Management. Latin American Consortium on Agroecology and Development (CLADES) courses in Guatemala, Dominican Republic, Chile, Brazil, Colombia, Spain and Italy.  
1995-1998. Graduate Student (Ph.D), Department of Entomology, University of California, Davis.  
1999-May15,2000. Home/Community Horticulture Advisor. University of California Cooperative Extension, Alameda County.  
May 15,2000-2004 Lecturer on Sustainable Rural Development. Center for Latin American Studies, Stanford University. Palo Alto, California.  
May 15, 2004- present .Research associate, Center for the Studies of the Americas CENSA, Berkeley, California.  
May 15, 2000-present. Research Fellow, Division of Insect Biology, ESPM. University of California, Berkeley.  
Lecturer on Sustainable Rural Development. Center for Latin American Studies, University of California, Berkeley.  
June 20, 2004-present Adjunct Professor, Univerisdad de Antioquia, Colombia.  
Sept 1 2005 –present Lecturer on Sustainable Rural Development. Environmental Studies. Santa Clara University, California

### HONORARY POSITIONS

Invited Professor, Universidad Internacional de Andalucia, Baeza, Spain  
Invited Professor, Universidad de Cordoba, Cordoba, Spain  
Invited Professor, Universita degli Studi, Perugia, Italy  
Invited Professor, Instituto Agronomico Mediterraneo, Bari, Italy  
Invited Professor, Universidad Austral de Chile, Valdivia, Chile  
Invited Professor, Universidad Catolica de Temuco, Chile  
Invited Professor, Universidad Nacional de Colombia, Medellin, Colombia

#### **VISITING SCHOLAR POSITIONS**

July 1- September 15, 2001. Visiting research scientist. Centro Tropical de Investigacion y Ensenanza (CATIE), Turrialba-Costa Rica  
September 18-December 15, 2001. Visiting scholar. Universidad Federal de Santa Catarina and EPAGRI, Florianopolis, SC-Brazil.  
September 1-November 30, 2002 Visiting Scholar. Faculty of Agricultural Sciences, University of British Columbia, Vancouver-Canada  
March 18- April 30, 2003 Visiting Scholar. Fulbright Senior Specialist. Faculty of Agricultural Sciences, Universidad Austral de Chile, Valdivia, Chile  
May 1- July 30, 2003 Visiting Scientist, Food and Agriculture Organization  
FAO, Rome, Italy  
March 6- April 30, 2004 Visiting Scholar Fulbright Senior Specialist, Faculty of Agricultural Sciences, Universidade Federal de Santa Catarina, Florianopolis, SC-Brazil.  
March 6, April 26, 2005 Visiting scholar. Universidade Federal de Santa Catarina, Florianopolis, SC-Brazil.  
May 29-July 4, 2006 Visiting scholar. University of Gastronomic Sciences, Turin, Italy.  
February 19-May 2007 Fulbright Scholar. Faculty of Agricultural Sciences, Universidad Nacional de Asuncion, Paraguay

#### **RESEARCH ACTIVITIES**

Effects of vegetational diversity on insect pest populations and associated natural enemies in agroecosystems. Biological control of insects in field and greenhouse crops through management of entomophagous insects. Agroecological strategies for the conversion of conventional agricultural systems to low-input organic management. Integrated Pest Management in Urban agricultural systems.

Development of participatory IPM strategies for small farmers in Latin America.

#### **TEACHING FIELDS**

Sustainable rural development in Latin America. Sustainable agriculture and biological control of insect pests. In addition to teaching to students at Berkeley, Santa Clara and Stanford, involved in international agroecology courses in Brazil, Ecuador, Italy, Spain, Nicaragua, Costa Rica, Chile and Colombia.

#### **Teaching experience**

- Curso de Agroecologia, Programa de Pos-Graduação em Ecologia, Organized by Federal University of Campinas UNICAMP, Biology Institute, Campinas, Sao Paulo, Brazil. November 8-10, 1999.
- 1<sup>st</sup> Workshop en Agroecologia e Desenvolvimento Sustentavel, Programa de Pos-Graduação em Ecologia, Biology Institute, Organized by Federal University of Campinas UNICAMP. Campinas, Sao Paulo, Brazil. November 11-12, 1999.
- Encontro Nacional de pesquisa em Agroecologia. Organized by AS-PTA: Assessoria e Servicos a Projectos em Agricultura Alternativa, EMBRAPA-Agrobiologia, PESAGRO-RIO and Universidad Federal Rural do Rio de Janeiro. Federal University of Rio de Janeiro, Brazil. November 17-19, 1999.

- Seminario on Maestrado em Agroecosistemas. Universidad Federal de Santa Catarina, Florianopolis, Santa Catarina, Brazil. November 23, 1999.
- 1<sup>st</sup> Seminario Estadual sobre Agroecologia. Organized by EPAGRI: Secretaria de Estado do Desenvolvimento Rural e da Agricultura. Rio do Sul. Santa Catarina, Brazil. November 23-25, 1999.
- Seminario en Agroecologia. Organized By EMATER, Porto Alegre, Rio Grande do Sul, Brazil. November 29-30, 1999.
- Curso Nacional de Agroecologia. Organized by Universidad de los Llanos y Programa de Naciones Unidas para el Medio Ambiente (PNUMA). Villavicencio, Colombia. December 6-10, 1999.
- Seminario Taller Agroecologia y Desarrollo Rural en America Latina. Organized by Instituto de Investigaciones Ambientales del Pacifico. Quibdo, Colombia. December 13-16, 1999.
- Magister Internacional: Gestion en Desarrollo Rural y Agricultura Sustentable. Universidad Catolica de Temuco, Chile. January 4-7, 2000.
- V Maestria en Agroecologia y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. January 24-28, 2000.
- Seminar. University of Vienna. Pesticides in Latin America: Its impact on nature and humans. Vienna, Austria. June 6-8- , 2000.
- 3<sup>rd</sup> International Agroecology Course, organized by AGER International, Perugia, Italy. June 10-26, 2000.
- I National Agroecology Course, organized by CEA (Coordinadora Ecuatoriana de Agroecologia). Quito, Ecuador. October 20-22, 2000
- I National Organic Agriculture Course, organized by Bio-Farm. Guayaquil, Ecuador. October 23-25, 2000.
- I Curso Estadual de Agroecologia de EMATER. Rio Grande do Sul, Brazil. November 13-17, 2000.
- I Seminario Internacional sobre Agroecologia, II seminario Estadual sobre agroecologia, II encontro Nacional sobre Pesquisa em Agroecologia. Rio Grande do Sul, Brazil. November 20-22, 2000
- Doctorado en Agroecologia y Desarrollo Rural Sostenible. Universidad de Cordoba, Cordoba, Spain. May 18-30, 2001
- Maestria en Agricultura Organica. Universidad de las Islas Baleares, Mallorca, Spain. June 1-7, 2001.
- International Course on Agroecology and rural development. CATIE, Turrialba, Costa Rica. August 19-25, 2001.
- Seminario on Agroecologia e Desenvolvimento Sustentavel. Universidad Federal de Santa Catarina, Florianopolis. Santa Catarina, Brazil. October, 8-12, 2001.
- I Curso Estadual de Agroecologia de EPAGRI. Florianopolis, Santa Catarina, Brazil. October, 15-November 23, 2001
- II Seminario Internacional sobre Agroecologia, III seminario Estadual sobre agroecologia, III encontro Nacional sobre Pesquisa em Agroecologia. Porto Alegre, Rio Grande do Sul, Brazil. November 26-28, 2001
- VI Maestria en Agroecologia y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. May 12-17, 2002.
- II Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. May 27-31, 2002.
- Agroecology short course. Jinotepe and Leon, Nicaragua. July 15-19, 2002.
- Short Course on ecologically based pest management. CEA, Quito, Ecuador. July 22-24, 2002
- Short course on biological control of insect pests. Universidad de Pamplona, Spain. August 12-16, 2002
- Short course on ecological based pest management. Sociedad Espanola de Agricultura Ecologica. Guijon, Spain. September 16-18, 2002.
- Agroecology short course. IICA, Bogota, February 26-28, 2003.
- Regional Seminar on Agroecology. Universidad Catolica del Maule, Curico. Chile. April 4,

- 2003.
- Agroecology short course. INIA, Chillan, Chile. April 15-17, 2003.
  - Agroecology short course. CORFO, Quillota, Chile. April 22-23, 2003.
  - Agroecology short course. Universidad de la Serena, La Serena, Chile, April 24-25, 2003.
  - Regional Seminar on Agroecology, Universidad Catolica de Santiago, Santiago, Chile. April 28, 2003
  - III Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. May 26-31, 2003.
  - Seminar on Agroecology. University of Florence, Florence, Italy. June 6-7, 2003.
  - Agroecology short course. Asociacion Vida Sana, Barcelona, Spain. June 9-11, 2003.
  - Doctorado en Agroecologia y Desarrollo Rural Sostenible. Universidad de Cordoba, Cordoba, Spain. June 12-17, 2003.
  - National Course on Agroecology. Fundamentos de Agroecologia en la red del proyecto de agricultura organica de Embrapa. Rio de Janeiro, Marzo 29-April 4, 2004.
  - Agroecology short course. Ministerio de Desenvolvimento Agrario-Brasil. Ilheus, Bahia. April 5-10, 2004.
  - Agroecology and rural development course. Giramundo-Universidade do Sao Paulo-Botucatu. Botocatu, Brazil. April 12-17, 2004.
  - National course on Agroecology for undergraduates students. Universidade Federal de Santa Catarina, Florianopolis, Brazil. April 26-30, 2004.
  - VII Maestria en Agroecologia y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. May 12-17, 2004.
  - IV Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. May 26-31, 2004.
  - Doctorado en Agroecologia y Desarrollo Rural Sostenible. Universidad de Cordoba, Cordoba, Spain. May 23-29, 2005.
  - PhD program on Agrobiodiversity. Universita Santa Ana. Pisa, Italy. May 30-June 5, 2005.
  - V Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. June 6-June 11, 2005.
  - Seminario Nacional de Agroecologia y desarrollo rural sostenible. Universidad de Antioquia. Febrero 13-17, 2006.
  - VI Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. May 15-19-2006.
  - VIII Maestria en Agroecologia y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. May 22-26, 2006.
  - VII Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. May 7-12-2007.
  - VIII Maestria en Agroecologia y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. May 14-19, 2007.
  - Curso Internacional de Agroecologia. SOCLA Universidad de Antioquia. Colombia. Agosto 18-19 2007
  - VII Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. May 7-12-2007.
  - IX Maestria en Agroecologia y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. May 26-31, 2008.
  - VIII Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. June 2-7, 2008.
  - IX Maestria en Agroecologia y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. May 14-19, 2009.
  - IX Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. June 2-7, 2009.

- X Maestria en Agroecología y Desarrollo Rural Sostenible en America Latina y Espana. Universidad Internacional de Andalucia. Sede Antonio Machado de Baeza, Spain. March 15-20, 2010.
- X Master on Organic Agriculture. Instituto Agronomico Mediterraneo. Bari, Italy. May 17-22, 2010.

## GRANTS

- 1996 UC SAREP (US\$ 2,000). "An agroecological Strategy for the Conversion of Commercial Flower Production Systems to low-input Organic Management".
- 1997 The Johns Hopkins University/Ford Foundation. Latin American/Cuba Exchange Program (US\$ 2,250). "Assessing the impacts of biological pest control efforts in agricultural cooperatives undergoing conversion to organic farming in Havana Province"
- 1997 Clarence E. Heller Charitable Foundation. San Francisco. (US\$ 30,000). "Assessing the Ecological Effects of a Biodiverse Vineyard on Pest Regulation and Agroecosystem Sustainability".
- 1997. Organic Farming Research Foundation (US\$ 4,000). "Study of Plant Diversity Adjacent to a Monoculture system: Effects of Beneficial Arthropod Population and Vineyard Pest Control".
- 1999. California Department of Pesticide Regulation (US\$ 30,000). Capacity building on IPM in urban agriculture in Bay Area public schools and surrounding low-income communities (renewed years 2000 and 2001 for a total of US\$ 90,000).
- 2002. UCMEXUS. (US\$ 15,754). A pilot Internet Based Distance Learning Course on Agroecology. Involving Students of five Mexican Agricultural Universities.
- 2002. Foundation for Deep Ecology. (US\$ 17,000). Engaging students in a debate on the future of agriculture at California agricultural colleges using Fatal Harvest as a teaching aid.
- 2004. CS Fund (US\$15,000). Organic zero till system in southern Brazil: understanding and scaling up the technology (renewed 2005).
- 2005-2008. CS Fund (US\$15,000 per year). Understanding and scaling up soil enhancing systems developed by small family farmers in southern Brasil
- 2006-2008. Organic Farming Research Foundation (US\$15,000). Testing and massively diffusing agroecologically based organic conservation tillage systems for family farmers in southern Brasil

## PUBLICATIONS

### ARTICLES

- *Nicholls, C.I., M.P. Parrella and M.A. Altieri. 1998.* Advances and perspectives in the biological control of greenhouse pests with special reference to Colombia. *Integrated Pest Management Reviews* 3 (2): 99-109.
- *Nicholls, C.I.; Parrella, M.P and Altieri, M.A. 2000.* Reducing the abundance of leafhoppers and thrips in a northern California organic vineyard through maintenance of full season floral diversity with summer cover crops. *Agricultural and forest entomology* 2: 107-113.
- *Nicholls, C.I. and Altieri, M.A. 2000.* Manipulating plant biodiversity to enhance biological control of insect pests: a case study of a northern California organic vineyard. In: *Agroecosystem sustainability: developing practical strategies. Agroecosystem Sustainability*. Pp: 29-50. S. Gliessman (ed). CRC Press, Boca Raton.
- *Altieri, M.A. and C.I. Nicholls. 2000.* Applying Agroecological Concepts to Development of Ecologically Based Pest Management Strategies. In: *Professional Societies and Ecologically Based Pest management: proceeding of a workshop*. National Research Council. Washington D.C. pp: 14-19.
- *Nicholls, C.I; M.P. Parrella and M.A. Altieri. 2001.* Effects of a vegetational corridor on the abundance and dispersal of insect biodiversity within a northern Californian organic vineyard. *Landscape Ecology* 16:133-146
- *Altieri, M.A. and C.I. Nicholls. 2001.* Ecological impacts of modern agriculture in the United States

and Latin America. In: O. Solbrig et al (eds.) Globalization and the rural environment. Harvard Univ. Press, Cambridge, Mass.

- *Nicholls, C.I. 2001.* Manipulando la biodiversidad para incrementar el control biologico de insectos plaga en agroecosistemas. Capitulo 10. In: Agroecologia y Desarrollo: Aproximacion a los fundamentos agroecologicos para la gestion sustentable de agroecosistemas mediterraneos. J. Labrador Moreno and M. A. Altieri (eds). Ediciones Mundi-Prensa, Caceres-Madrid. 566p.
- *Nicholls C.I and M.A. Altieri. 2001.* Propuesta Agroecologica de manejo de plagas y enfermedades. In: La practica de la Agricultura y ganaderia ecologicas. Comite Andaluz de Agricultura Ecologica (C.A.A.E), Sevilla- Spain. pp. 119-137.
- *Altieri, M.A. and C.I. Nicholls .2002.* Ecologically based pest management: a key pathway to achieving Agroecosystem Health. Chapter 98. In: Managing for Healthy Ecosystems. D.J. Rapport et al. (eds). CRC Press, Boca Raton.
- *Nicholls C.I. and M. A. Altieri. 2002.* Biodiversidad y diseno agroecologico: un estudio de caso de manejo de plagas en vinedos. *Revista Manejo Integrado de Plagas y Agroecologia* 65: 50-64
- *Altieri, M.A. and C.I. Nicholls 2002.* Un metodo agroecologico rapido para la evaluacion de la sostenibilidad de cafetales. *Revista Manejo Integrado de Plagas y Agroecologia* 64: 9-14.
- *Altieri, M.A. and C.I. Nicholls. 2002.* The simplification of traditional vineyard based agroforest in northwestern Portugal: some ecological implications. *Agroforestry Systems.* 56 (3): 185-191.
- *Nicholls, C.I. and N. Perez. 2003.* The development and status of biologically based Integrated Pest Management in Cuba. *Integrated Pest Management Reviews.* Vol 7 # 1.
- *Nicholls C.I. 2003.* Manipulando la biodiversidad vegetal para incrementar el control biologico de insectos plaga: un estudio de caso de un viñedo organico en el norte de California. In: Agroecologia y Agricultura Sustentable. Sarandon S. (ed.). Universidad Nacional de La Plata, Argentina.
- *Altieri, M.A. and C.I. Nicholls. 2003.* Soil fertility management and insect pest: harmonizing soil and plant health in agroecosystems. *Soil & Tillage Research* 72 pp 203-211.
- *Altieri, M.A. and C.I. Nicholls. 2003.* Native seeds: humankind patrimony essential for the cultural and ecological integrity of peasant agriculture. *Policy Matters* 11, September. pp 28-33.
- *Altieri, M.A. and C.I. Nicholls. 2003.* Agroecology: rescuing organic agriculture from a specialized industrial model of production and distribution. *The International magazine of IFOAM: Ecology and Farming* # 34 pp 24-26.
- *Altieri, M.A. and C.I. Nicholls. 2004.* Una base agroecologica para el diseno de sistemas diversificados de cultivos en el tropico. *Revista Manejo Integrado de plagas y Agroecologia.* No. 73. pp8-20.
- *Altieri, M.A. and C.I. Nicholls. 2004.* An agroecological basis for designing diversified cropping systems in the tropics. *Journal of crop improvement.* 11(1-20): 81-103.
- *Altieri M.A. and C.I. Nicholls. 2004.* Returning organic farming to its roots. *In business: creating sustainable enterprises & communities.* January/February. pp 13-15.
- *Nicholls, C.I , M.A. Altieri, A. Dezanet, M. Lana, D. Feistauer and M. Ouriques. 2004.* A rapid farmer-Friendly agroecological method to estimate soil quality and crop health in vineyard systems. *Biodynamics* 250 pp 33-40.
- *Nicholls C.I. and M.A. Altieri. 2004.* The agroecological bases of ecological engineering for pest management. In: *Ecological engineering for pest management.* M. Gurr; S.D. Wratten and M.A. Altieri (eds). CABI Publishing. Pp 33-54.
- *Altieri M.A. and C.I. Nicholls. 2004.* Effects of agroforestry systems on the ecology and management of insect pest populations. In: *Ecological engineering for pest management.* M. Gurr; S.D. Wratten and M.A. Altieri (eds). CABI Publishing. pp 143-154.
- *Altieri, M.A. Ponti, L. and C.I. Nicholls.2005.* Manipulating vineyard biodiversity for improved insect pest management: case studies from northern California. *International Journal of Biodiversity Science and Management* 1(4): 191-203.
- *Altieri, M.A. C.I. Nicholls, Ponti, L. and York, A. 2005.* Designing biodiverse, pest-resilient vineyards through habitat management. *Practical Winery & Vineyard.* Vol XXVII no. 2. pp16-30.
- *Altieri M.A. and C.I. Nicholls. 2006.* Optimizando el manejo agroecologico de plagas a traves de la salud del suelo. *Agroecologia.* Vol 1: 29-36
- *Nicholls, C.I. 2006.* Bases agroecologicas para disenar e implementar una estrategia de manejo de habitat para control biologico de plagas. *Agroecologia.* Vol 1: 37-48
- *Altieri M.A. Luigi Ponti and C.I. Nicholls. 2006.* Manipulating pests through plant diversification.

- LEISA. Volume 22 No. 4: 9-11.*
- *Altieri M.A. and C.I. Nicholls. 2007*
  - *Altieri M.A. and C.I. Nicholls. 2007. Conversion agroecologica de sistemas convencionales de produccion: teoria, estrategias y evaluacion. Ecosistemas (Espana). Revisones Monografico.*
  - *Altieri, M.A. Ponti, L. and C.I. Nicholls. 2007. Manejando Insectos-pragacom a diversificao de planats. Revista Agriculturas. Leisa Brasil. Vol 4. no. 1. pp20-23.*
  - *Altieri, M.A. Ponti, L. and C.I. Nicholls. 2007. El manejo de plagas a traves de la diversificacion de las planatas. Leisa. Vol 22 no. 4. pp9-12.*
  - *Altieri M.A., C.I. Nicholls and Ponti, L. 2007. Controle biologico de pragas atraves do manejo de agroecosistemas. Ministerio do Desenvolvimento Agrario. Secretaria da Agricultura Familiar. Departamento de Assistencia Tecnica e Extensao Rural. Brasilia. pp 1-30.*
  - *Nicholls C.I. and M.A. Altieri. 2007. Agroecology: contributions towards a renewed ecological foundation for pest management. In; Perspectives in Ecological theory and Integrated Pest Management. Kogan. M and P. Jepsom (eds). Cambridge Press. Pp431-468*
  - *Altieri M.A and C.I. Nicholls. 2007. Ecologically Based Pest Management. In Agroecosystems. Ecological Basis of Agroforestry. Rani Batish, D., Kumar Kohli R., Jose S. and Pal Singh H. (eds). CRC Press. pp95-107*
  - *Altieri M.A and C.I. Nicholls. 2009. Cambio climatico y agricultura campesina: impactos y respuestas adaptativas. Leisa: Revsita de agroecologia. Marzo, 2009.*

#### BOOKS

- *Altieri, M.A. and C.I. Nicholls. 2000. Agroecologia: teoria y practica para una agricultura sustentable. Serie Textos Basicos para la Formacion Ambiental 4. PNUMA, Mexico City. 250p.*
- *Nicholls C.I., M.A Altieri and J. Sanchez. 2001. Manual practico de control biologico para una Agricultura Sustentable. Editorial Vida Sana, Barcelona, Spain. 86p.*
- *Altieri, M.A. and C.I. Nicholls. 2004. Biodiversity and Pest Management in Agroecosystems. The Harworth Press.*
- *Altieri, M.A. and C.I. Nicholls. 2005. Manage Insects in your farm: a guide to ecological strategies. Handbook series, book 7. Sustainable Agriculture Networks Press.129p.*
- *Altieri, M.A. and C.I. Nicholls. 2006. Agroecology and the search for truly Sustainable Agriculture. Basic Textbooks for Environmental Training 9. PNUMA, Mexico City. 290p.*
- *Altieri, M.A. and C.I. Nicholls. 2007. Biodiversidad y Menejo de plagas en agroecosistemas. Icaria Editorial. Junta de Andalucia Consejeria de Medio Ambiente. Espana. 247p.*
- *Nicholls, C.I. 2007. Control biologico en agroecosistemas: teoria y practica. Ed. Universidad Tecnologica de Cuenca, Ecuador.*
- *Nicholls, C.I. 2008. Control Biologico de insectos: un enfoque agroecologico. Ed. Universidad de Antioquia. 278p.*
- *Altieri, M.A. and C.I. Nicholls 2010. Disenos agroecologicos para incrementar la biodiveridad de la entomofauna benefica en agroecosistemas. SOCLA. 72p.*