

Maria-Esther SANZ SANZ

Born the 08/04/1980 at Madrid (Spain), 1 child

Mail : sanz.esther@gmail.com



I work as a researcher on the dynamics of the spatial organisation of food systems and their interactions with urban spaces, especially on the Mediterranean basin (Nord and South). My research contributes to the food geographies community and provides insights for policy makers about the possibilities of local food supply to cities and the impact of public procurement to develop midscale food supply chains. Furthermore, I work on the on the development of tools to integrate agricultural land use in urban and regional planning by the means of landscape indices.

I claim for a multidisciplinary empirical research approach based both in fieldwork and in theoretical basis, and combining qualitative and quantitative methods. I am interested in participatory methods, spatial analysis and modelling.

EDUCATION

2016/12 International double **PhD** in:

- **Urban Studies** from the **Advanced School for the Social Sciences** (EHESS, Paris, France)

- **Geography** from the **Autonomous University of Madrid** (UAM, Madrid, Spain)

Thesis defended at Avignon the 17/11/2016. Maternity leave from 6/01/2013 to 26/04/2013

Title: « Urban planning and agriculture. A systemic methodology for characterizing peri-urban agriculture from an empiric research in France and Spain »

Qualification: *Apto cum laude*

Supervisors: Bernard HUBERT (ecologist, professor at EHESS)

Rafael MATA OLMO (geographer, professor at UAM)

2011/10 **Master Research of Social Sciences** from the **Advanced School for the Social Sciences** (EHESS, Paris). Specialisation « Comparative Studies of Development ».

Master dissertation: « Community tourism: a tool for overtaking the urban-rural conflict ». Supervisor: Augustin BERQUE. Qualification with distinction (*très bien*)

2007 Postgraduate Specialization Diploma in “Rehabilitation of historic gardens and parks. Cultural landscapes” (8 ECTS) and « City and environment » (10 ECTS), from the Polytechnic University of Madrid (UPM, Spain)

2007/98 **Master and B.A. in Architecture** from the **Polytechnic University of Madrid** (UPM, Spain). Programme Urbanism, Planning and Environment. Qualification with distinction (*notable*)

2003/02 Erasmus at the Paris-Belleville School of Architecture. Programme « Cities, landscapes and territories. Metropolitan areas of Asia-Pacific ».

1998 Scientific Baccaureate

AWARDS AND SCHOLARSHIPS

2017 Nominated by EHESS for the thesis prize 2017 awarded by the Chancellery of the Universities in Paris

2016 Completion grant EHESS – Caisse des Dépôts

2012-16 Thesis funded by the French National Agency for Research by the means of a CIFRE agreement (n° 2012/0608, SME Agence Paysages – INRA)

INVENTION DISCLOSURES

2017 **DI-RV-17-0122** / Methodology of characterisation of peri-urban agriculture targeted for planners

RESEARCH EXPERIENCE

Since 10/2018, Profile included in the **FAO NSHR Roster – AGP** as consultant in social sciences and economy

From 01/01/2020 **Post Doc Researcher** at the **Leibniz Centre for Agricultural Landscape Research (ZALF)**, Müncheberg, Germany

- **FoodSHIFT 2030 Research-action project**, (2020-24, **H2020-SFS-2018-2020** call)

« Food System Hubs Innovation towards Fast Transition by 2030 »

Role: Coordination of task 3.2. and assistant to a living lab

Tasks: Collection of data and analyse of the local food system; organisation of participatory workshops with stakeholders; modelling and foresight; mapping

Partners: 31 partners of 11 European countries. Research institutions: Copenhagen University (UCPH), ZALF, University of Milan, INRA, Institute for Agricultural and Fisheries Research (ILVO), Wrocław University of Environmental and Life Sciences

01/12/2016 – 31/12/2019 **Post Doc Researcher** at the **National Institute for Agricultural Research (INRA)**, unit UR 0767 Ecodéveloppement, Avignon, France

- **ALIVILLE Research-action project** (2016-19, financed by Fondation de France)

“Participative foresight for the re-location of urban agri-food system and supply of Avignon public canteens with local products”

Role: Management of the project and coordination of the team; organisation of an international seminar on Urban Food Sufficiency

Tasks: Collection of data and analyse of the local food system; organisation of participatory workshops with stakeholders; modelling and foresight; mapping

Partners: INRA, Avignon municipality, ONG Terre de Liens, ONG Grab

- **DIVERCROP research project** (2017-20, financed by Arimnet2 European programme)

“Land system dynamics in the Mediterranean basin across scales as relevant indicator for species diversity and local food systems”

Role: Coordinator of workpackage WP5

« Effects of land systems on local food system. Assessment of multi-scale effects – from agricultural practices diversity to local food system”

Tasks: Development of a conceptual framework for the analyse of the food system combining qualitative data with statistical analyses at the Mediterranean basin scale; assessment of the farming systems most favourable to promote local urban food system; data collection; modelling and mapping

Partners: INRA, Universidade de Évora, CNRS/IMBE, Institut Polytechnique LaSalle Beauvais, INRA Tunisie, RNAMS Algeria, Malta College of Arts, Science and Technology, Universidad Politécnica de Madrid, Scuola Superiore Santa Anna de Pisa

- **Agriville-USAP research project** (2017-19, financed by INRA maturation programme)

“Development of a prototype for the diagnosis of peri-urban agricultural areas, operational for planners”

Role: Co-management of the project

Tasks: Testing the systemic methodology for characterizing peri-urban agriculture developed in my PhD thesis (invention disclosure n° DI-RV-17-0122 le 23/10/2017); co-supervision of a post-doc researcher on the geomatics application development

Partners: INRA, SAFER, Agence Paysages

01/10/2012 - 21/01/2016 PhD candidate (CIFRE agreement n° 2012/0608, SME Agence Paysages – INRA)

- **Daume research project** (2012-16, financed by French ministry ANR 10-STRA-0007)

“Durability of agricultures in the Mediterranean”

Role: Contributor

Tasks: Analyse o the spatial dynamics and the landscape configurations of two study cases (Avignon and Madrid) from a landscape ecology approach

Partners: INRA, CIRAD, CNRS

TEACHING EXPERIENCE

2019/20 Visiting associate professor at Avignon University

Lectures and tutorial (36h) in Master GeoTer and BA: *Land Use and LUUC modelling, qualitative and quantitative modelling, Land use planning policies*

2018/19 Visiting associate professor at Avignon University

Lectures and tutorial (38h) in M1 Master GeoTer and BA: *Land Use and LUUC modelling, qualitative and quantitative modelling*

2017/18 Visiting associate professor at Avignon University

Lectures and tutorial (29h) in BA Geography: *Public space, European regional planning*

2019 Co-supervision post-doc 6 months C. de Benito (project Divercrop) with M. Simon and C. Napoléone

2018 Co-supervision post-doc 12 months G. Boussougou (project USAP) with C. Napoléone and D. Martinetti

2014 Co-supervision of the internship 5 months of C. Girard (BA Geomatic, Nice University); project ANR-Daume, with M. Mouléry and C. Napoléone

PLANNING & URBAN DESIGN EXPERIENCE (PRE-DOCTORAL 2004-2012)

2012/11 Project manager in urban design at Richez_Associés. Architecture, urbanism, landscape (Paris, 5 months) → studies and outline for the reconversion of Evers brown-field (2,5ha, 9.000m², housing) at Epouville (Fr); draft for the Pôle Jules Verne development plan (250.000m², offices & activities) at amiens (Fr); urban assessment and «Coeur de Campus» reference plan at Montpellier (Fr); programme outline of the Escaut Activity Park at Le Havre (Fr).

2010/07 Project manager in urban design and development project at Alexandre Chemetoff & Associés. Architects, urbanists, landscapers (Paris, 36 months) → competition (1st prize), and then studies, urban development plan (100 ha), landscape and urban design, public space project and coordination of the construction works (15h) of the reconversion of the formerly industrial zone Manufacture-Plaine Achille at Saint-Etienne (Fr.): built heritage rehabilitation, creation of a footbridge over railways, public transport planning

Competition (1st prize) for 87 social housing and a childcare centre (9.000m²) at Paris (Fr.); competition for the reconversion of Macdonald warehouse

2007 Architect & urbanist consultant at the **Spanish Agency for International Cooperation** (Bolivia, 3 months) → landscape planning and rehabilitation of the gardens of La Glorieta castle at Sucre (Bol.), advice for the rehabilitation of historic areas at Sucre and Potosi (Bol.), teaching on landscape design

2006/05 Architect & urbanist, with Antoine Hertengerber (Madrid, 13 months) → competition SU05 urban solutions (Sp.), competition European 8: sustainable landscape neighbourhood at Waremmé (Bel.)

2006/05 Project assistant in urban design at Ezquiaga : Architecture, society and territory (Madrid, 13 months) → competition (award) Madrid-Rio for the riverbank landscape design after the tunnelling of the bypass; urban design for the integration of a tramway at Parla (Sp.); assessment rapport about commerce, mobility and quality of air

2005/04 Editor and graphic designer at Pasajes Construcción, , technical magazine on architecture (Madrid, 17 months) → writing articles and layout

POSITIONS OF RESPONSIBILITY

- **Participation in scientific committees** since 2017: Union Géographique Internationale (UGI, member of the commission "Agricultural Geography and Land Engineering, **Volubilis** (euro-mediterranean network for the city and the landscape)
- **Participation in steering committees** of the graduated thematic training weeks (eg. NRA/Formasciences/CNRS « Prospective, participation and spatial modelling», 4-8/06/2018)
- **Organization of international seminars** (eg. Urban Food Sufficiency <https://www6.paca.inra.fr/ecodeveloppement/Activites-internationales/Seminaire-international-Suffisance-Alimentaire-Urbaine>)
- Participation in **academic and science dissemination activities**
- **Organisation of workshops and events with stakeholders**, including on-site farms visits
- **Invited speaker in professional conferences** on urban planning and design organized by the French federation of landscape
- **Support of stakeholders' activities on research and innovation**
- **Review of articles** for scientific reviews
- **Convenor of panel sessions** in international scientific conferences: IFSA, RGS, ASRLF
- **Undertook administrative tasks** and coordination of day-to-day running of research programs

SKILLS

Languages: Spanish (mother tongue), French (bilingual), English (proficient), Italian (notions)

Teaching: Lectures and tutorial (BA and Master), students' supervision, assessment, workshops, field visits

Organisational: coordination of workpackages, coordination of projects, managements of teams, organisation of international research seminars and local workshops with stakeholders, facilitating group meetings, reports

Technique: field survey, generation of georeferenced data-sets, qualitative analyse, statistics, spatial analyse, modelling (including multi-agent), geovisualisation and mapping, project building and project management, design and implementation of participative tools, expertise on planning tools, planning projects at various scales, scientific popularisation, communication

Computing: SIG and spatial analyse (QGIS, ArcGIS, Fragstat); statistics and modelling (R, Xlstat); multi-agent modelling (NetLogo) ; database management (pgAdmin) ; remote sensing (MultiSpec, Spring) ; vectorial drawing (AutoCad, SketchUp, Rhino, Illustrator) ; artwork (Adobe Indesign, Photoshop, QuarkXpress) ; documentation (Zotero)

PUBLICATIONS (FULL LIST)

ORCID ID: 0000-0003-0598-6991

My scientific work has been developed with scholars from different disciplines: geography (ex. R. Mata Olmo), economy (ex. C. Napoléone), sociology (ex. A. Cardona), anthropology (D. Benito Morán), modeling and data science (ex. D. Martinetti), ecology (ex. B. Hubert), landscape epidemiology (ex. J. Papais) and agronomy (ex. M. Debolini).

PEER-REVIEWED JOURNAL PAPERS

NB.- *The impact factor (IF) and SCImago Journal Rank (SJR) is mentioned when applicable*

SANZ SANZ E., Napoléone C., Debolini M., Mouléry M., De Benito Morán, Fusco J. & Martinetti D. (*in preparation*), « Modelling effects of land systems dynamics on food self-sufficiency on the Mediterranean region at county level », *Global Food Security*, FI: 5,45

SANZ SANZ E., Cardona A. & Napoléone C. (*submitted*). "The role of motivations of public officers in the implementation of urban food policies". *Environment and Planning C*, FI: 2,38

Boussougou G., SANZ SANZ E., Napoléone C. & Martinetti D. (*accepted with revisions*) "Identifying agricultural areas connected to cities for the purpose of urban planning: a methodology at the regional scale". *Land Use Policy*

SANZ SANZ E., Martinetti D. & Napoléone C., (2018). "Operational modelling of peri-urban farmland for public action in Mediterranean context", *Land Use Policy* 75, pp. 757–771. <https://doi.org/10.1016/j.landusepol.2018.04.003>. FI : 3,6 ; SJR : 1,35

SANZ SANZ E., Napoléone C. & Hubert B. (2017), « Caractériser l'agriculture périurbaine pour mieux l'intégrer à la planification urbaine : propositions méthodologiques », *L'espace géographique*, tome 46 (2), pp. 174-190. DOI : 10.3917/eg.462.0174. FI : 0,4, SJR : 0,15

SANZ SANZ E., Napoléone C., Hubert B., Mata R. & Giorgis S. (2017), « Repenser la planification urbaine à partir des espaces agricoles. Une méthodologie opérationnelle à l'échelle intercommunale », *Revue d'Économie Régionale et Urbaine*, juin (3), pp. 511-536. DOI : 10.3917/reru.173.0511 (AP). FI : 0,16

SANZ SANZ E., Napoléone C., Hubert B. & Mata Olmo R. (2017), « Vers une méthodologie systémique et générique de caractérisation de l'agriculture périurbaine en Méditerranée. Une démarche basée sur une comparaison en miroir », *Options méditerranéennes*, Série A : séminaires méditerranéens, 117, pp. 191-206.

Marraccini E., Debolini M., Moulery M., Abrantes P., Bouchier A., Chery J-P., SANZ SANZ E. Sabbatini T. & Napoléone C. (2015), « Common features and different trajectories of land cover changes in six Western Mediterranean urban regions », *Applied Geography*, 62, pp. 347-356. DOI: 10.1016/j.apgeog.2015.05.004. FI : 3,06 ; SJR : 1,32

SANZ SANZ E. (2013), « Caractérisation spatiale et mesure des paysages agricoles : recensement des méthodologies existantes à plusieurs échelles », *Revue électronique Projets de paysage*, n° 9, http://www.projetsdepaysage.fr/fr/caracterisation_spatiale_et_mesure_des_paysages_agricoles

BOOKS

Yacamán C., SANZ SANZ, E. & Mata Olmo R. (*in press*), *Agricultura periurbana y planificación territorial. De la protección al proyecto agourbano*, Publicaciones de la Universidad de Valencia, Colección Desarrollo Territorial.

CHAPTERS

SANZ SANZ E. (*in press*), "Public procurement as a booster of midscale food supply chains", in Swensson L., Tartanac F., Hunter D. et Schneider S. (ed.), *Public food procurement for sustainable food systems and healthy diets*, FAO, UFRGS and Bioersity International

SANZ SANZ E., Yacamán C. & Mata Olmo R. (2018), "Sistemas agroalimentarios: apropiación del territorio a través de la alimentación. Los ejemplos de Aviñón y de Madrid", in Baron N. et Romero J. (dir.), *Cultura territorial e innovación social ¿Hacia un nuevo modelo metropolitano en Europa del Sur?*, Valencia, Espagne : Publicacions Universitat de València, pp. 453-477. ISBN : 978-84-9134-290-8.

SANZ SANZ E., Napoléone C., & Hubert B. (2016), « Peri-urban farmland characterisation: a methodological proposal for urban planning », in R. Roggema (ed.), *Sustainable Urban Agriculture and Food Planning*, Oxon, UK: Routledge, pp. 73-89. ISBN : 978-1-138-18308-7. <https://doi.org/10.4324/9781315646039>

Napoléone C., & SANZ SANZ E. (2013), « Intégrer les espaces naturels et agricoles dans la planification urbaine. Une démarche basée sur la caractérisation et la quantification spatiales du territoire et des paysages », in V. Bradel (dir.), *Urbanités et Biodiversité*, Publications de l'université de Saint-Etienne, pp. 185-201. ISBN : 978-2-86272-657-1.

INTERNATIONAL COLLOQUIUM PROCEEDINGS

De Benito Morán, SANZ SANZ E., Moreno Pérez O., Simón Rojo M. & Yacamán Ochoa C., “Enabling and constraining drivers of local food systems: a comparative study in Mediterranean countries” (*accepted with revisions*), in *Proceedings of the 14th European IFSA Symposium. Farming Systems Facing Climate Change and Resource Challenges*. 23-26/03/2020. MED - Mediterranean Institute for Agriculture, Environment and Development, Évora (Portugal).

SANZ SANZ E. (2018), “Assessing food balance of Mediterranean city-regions. A multi-level methodology to highlight interactions between land system and food systems”, in *Proceedings of the 13th European IFSA Symposium. Farming Systems: Facing Uncertainties and Enhancing Opportunities*. 1-5/07/2018. Mediterranean Agronomic Institute of Chania CIHEAM – MAICH, Crète (Greece), http://www.ifs2018.gr/uploads/attachments/101/Theme2_Sanz_Sanz.pdf.

SANZ SANZ E. & Martinetti D. (2017), «Metodología de caracterización de la agricultura periurbana. Aplicaciones para la planificación de la alimentación del área metropolitana de Madrid”, in F. Allende Alvarez et al (ed.), *Naturaleza, territorio y ciudad en un mundo global*, Proceedings of the XXV Congreso de la Asociación de Geógrafos Españoles des 25-27/10/2017, Madrid (España): Ediciones de la Universidad Autónoma de Madrid, pp. 1420-1429. <https://doi.org/10.15366/ntc.2017>.

SANZ SANZ E., Napoléone C. & Hubert B. (2014), « Peri-urban agriculture: spatially characterisation for urban planning», in Rogema, R. & Keeffe, G. (eds), *Finding Spaces for Productive Cities*. Proceedings of the 6th AESOP Sustainable Food Planning Conference. 5-7/11/2014, Leurwarden (The Netherlands): VHL University Press, Velp, pp. 249-264. ISBN 9789082245127.

INTERNATIONAL COMMUNICATIONS

SANZ SANZ E., Cardona A. & Napoléone C. (2019), “The role of motivations in the implementation of urban food policies. Insights from Avignon local food procurement” *Royal Geographical Society - IBG Annual International Conference*, 28/08/2019, London.

SANZ SANZ E., Cardona A. & Napoléone C. (2019), “Public procurement as a booster of midscale food supply chains. Insights from the French peri-urban Avignon” *Royal Geographical Society - IBG Annual International Conference*, 30/08/2019, London.

SANZ SANZ E., Moulery M., Napoléone C., De Benito C., Filippini R., Yacaman C. & Arfa L. (2019), “Effects of land systems dynamics on local food systems: Insights from seven Mediterranean local case-studies. Exploratory outcomes at city-regions level (NUTS 3)”, *10th IALE World Congress*, 04/07/2019, Milano.

SANZ SANZ E. (2019), “The huerta and the historic irrigation system of the Madrid fertile lowlands "Comarca de Las Vegas. Insights and outlooks for managing agriculture heritage as a tool for urban sustainable planning”, *Urban Agricultural Heritage – and the Shaping of Future Cities Conference*, Volkswagen Foundation, Hanover (Allemagne), 6-8/05/2019.

SANZ SANZ E., Napoléone C, De Benito C., Moulery M., Fusco J., Martinetti D. & Goussougou G. (2019), “ Assessing food sufficiency of city-regions : A multi-level methodology to highlight interactions between Mediterranean land systems and local food systems. Exploratory outcomes at regional level (NUTS-2)”, *4th Open Science Meeting of the Global Land Programme*, 25/04/2019, Bern (Suisse).

SANZ SANZ E., Yacaman C. & Mata Olmo R. (2018), “Sistemas agroalimentarios: apropiación del territorio a través de la alimentación. Los ejemplos de Aviñón y de Madrid”, *Colloque International Culture territoriale, innovation sociale et réorientation des modèles urbains à Valence et en Europe du Sud*. Session

Dynamiques politiques aux marges métropolitaines. Programme MESCRIM de la Casa de Velázquez, Université de Valencia, 01/06/2018.

- SANZ SANZ E., Martinetti D. & Napoléone C. (2017), « Operational modelling of peri-urban farmland for food planning in Mediterranean region », *8th Annual Conference of the AESOP Sustainable Food Planning group*. 15/11/2017. Coventry (United Kingdom): Coventry University Technocentre, Book of abstracts, p. 124. <https://aesopsfp.files.wordpress.com/2017/02/aesop-book-of-abstracts-programme.pdf>.
- SANZ SANZ E. (2016), « Peri-Urban Agriculture Spatial Units (USAPU). A methodological proposal to characterize agriculture in urban planning », in *AgroMed International Conference*, Avignon, 01/12/16, https://agromed2016.files.wordpress.com/2016/11/05_agromed2016_extabstract_sanzsanz_def.pdf
- SANZ SANZ E. (2015), « Characterizing peri-urban farming: Towards operational variables », dans *2nd International Conference on Agriculture in an Urbanizing Society - Reconnecting Agriculture and Food Chains to Societal Needs*, Roma, 14-17/09/2015.
- SANZ SANZ E., Hubert B., Mata R. & Napoléone C. (2015), « Caractérisation des espaces agricoles périurbains. Vers une méthodologie opérationnelle pour la planification territoriale ». *52ème colloque de l'Association de Science Régionale en Langue Française*, Montpellier, 7-9/07/2015.
- SANZ SANZ E. & Napoléone C. (2015), « Agriculture productive et urbanisation. De l'analyse des liens à l'outil de régulation ». *Colloque international sur l'agriculture périurbaine : impacts du fait urbain, stratégies et jeux d'acteurs*, Oum El Bouaghi (Algérie), 15-16/04/2015.
- SANZ SANZ E. (2014), « Integrating agricultural issues in urban planning by the means of landscape metrics », *3rd International Science and Policy Conference on the Resilience of Social & Ecological Systems*. Montpellier, 4-8/05/2014. <https://resilience2014.sciencesconf.org/25126/document>
- SANZ SANZ E. & Napoléone C. (2014), « L'agriculture productive en frange urbaine : caractérisation spatiale et métrique. Une proposition méthodologique ». *Colloque Paysages des franges urbaines : décrire, habiter, gouverner*. Narbonne (France), 5-7 /11/2014.
- Mouléry M., SANZ SANZ E. & Napoléone C. (2014), « Land uses change around urban sprawl: comparison with remote sensing and landscape analysis between France and Spain. Avignon – Madrid (1985 - 2011) ». *2nd Global Land Project Open Science Meeting*. Humboldt University Berlin, 19-21/03/ 2014.
- SANZ SANZ E., & Napoléone C. (2013), « Revisiting urban planning to integrate agricultural issues by means of landscape metrics: a methodological proposal », in Arnal C, Perrin C: *Book of Abstracts AESOP 5th Conference on Sustainable Urban Planning*. 28-29/10/2013, Montpellier (France), p. 92.
- Marraccini E., Debolini M., Mouléry M., Abrantes P., Sabbatini T, Chery J-P., Bouchier A., SANZ SANZ E. & Napoléone C. (2013), « Are there common features in land cover and pattern changes in Mediterranean peri-urban areas? ». *IALE Changing European Landscapes*. Manchester (UK), 9-12/09/2013.
- SANZ SANZ E., Napoléone C. & Hubert B. (2013), « Revisiting urban planning to integrate multifunctional agriculture policies by the means of landscape metrics and indices: a methodological proposal ». *AESOP-ACSP 5th Joint Congress - Planning for resilient cities and regions*. 15-19/07/2013, Dublin (Ireland). eBook of abstracts, pp. 1160. <http://aesop-acspdublin2013.com/uploads/files/AESOP-ACSP%20Congress%20Book%20of%20Abstracts.pdf> .

OTHERS RECENT PUBLICATIONS AND COMMUNICATIONS

- SANZ SANZ E., Cardona A. & Napoléone C. (2019), « Public procurement as a catalyst for promoting “agriculture of the middle” and increasing urban food sufficiency », *International seminar Urban Food Sufficiency*, Lycée Agricole Pétrarque, Avignon, 26/09/2019.
- SANZ SANZ E. & Napoléone C. (2019), « Beyond public food procurement: enabling and constraining factors to deepen and broaden Mediterranean urban food sufficiency », *International seminar Urban Food Sufficiency*, Lycée Agricole Pétrarque, Avignon, 27/09/2019.
- SANZ SANZ E. (2017), « Systèmes de production agricole face à la demande urbaine : une approche territoriale à partir des cantines scolaires ». *Meeting of the group GT1 «Performances» du RMT Alimentation Locale*. INRA, Paris, 30/11/2017.

- SANZ SANZ E., Hasnaoui Amri N. & Souldard C. (2017), « Systèmes maraîchers face à la demande urbaine : approches territoriales ». *Seminar of the inter-unit network Tandem «Transition vers des systèmes maraîchers durables en milieu méditerranéen»*. INRA, Avignon, 16/10/2017.
- SANZ SANZ E. (2015), « Agriculture productive et urbanisation. De l'analyse des liens à l'outil de régulation ». *Phd candidates session*. École d'Architecture de Marseille, 13/05/2015.
- SANZ SANZ E. & Napoléone, C. (2015), « Caractérisation des espaces agricoles périurbains : Vers une méthodologie opérationnelle pour la planification territoriale ». *Annual seminar of the thematic network Foncimed on Mediterranean land use and ownership*, Tunis, 16/10/2015
- SANZ SANZ E. (2012), « La réécriture des paysages et l'agriculture écologisée : de la banalisation du modèle productiviste à la diversité territoriale du modèle biodynamique ». *5èmes Landscape PhD candidates' session*, École nationale supérieure d'architecture et paysage de Bordeaux, 13-14/12/2012.
- SANZ SANZ E. (2010), « La valorisation des patrimoines culturels comme vecteur de développement socio-économique. Une étude de cas : Intervention dans le Château de La Glorieta à Sucre, Bolivie », *International Seminar: Patrimonialisations : enjeux identitaires et problématiques de développement*, 19/10/2010, EHESS

REPORTS (DISSEMINATION OF SCIENCE)

- SANZ SANZ E. & Frezel J. (2014). « Agriculture et action publique dans la ville ». Proceedings of the meeting between scientist and practitioners organised by Réseau Rural and INRA-UR Ecodéveloppement at Gardanne, the 10-11/10/2013 (42 pages).

BOOKS EDITION

- 2007 *¡Me bajo a la calle!* (ISBN 84-9 338 77-2-X), with the collective Laboratorio Urbano (proceeding of several workshops preceding urban projects at Madrid)
- 2006 Conception and edition of the publication *El Libro más barato del mundo es esta revista* (112 p, 2 issues about the city of Madrid ; ISSN : 84-609-8429-X et 84-609-8430-3) and the free fanzines *a5 magazine* and *el número 3*, with the collective acinco

ACADEMIC DISSERTATIONS

- SANZ SANZ, E. (2016), « Planification urbaine et agriculture. Méthodologie systémique de caractérisation de l'agriculture périurbaine à partir d'une recherche empirique en France et en Espagne », *PhD thesis in Geography (UAM) and Urban Studies (EHESS)*, under the supervision of Rafael Mata Olmo and Bernard Hubert, Universidad Autónoma de Madrid and Ecole des Hautes Etudes en Sciences Sociales, 454p.
- SANZ SANZ E. (2011), « Le tourisme communautaire : un outil pour le dépassement du conflit ville-campagne. Le cas des jalq'a du district rural 8 de la ville de Sucre, au sud-est de l'altiplano Bolivien », *Master thesis* under the supervision of Augustin Berque. EHESS, 134p.