

CURRICULUM VITAE

ADDRESS

- NAME : TISSEYRE,
- First name : Bruno
- Birth date : february 14th 1968 (France)
- Nationality : french
- GRADE : Maître de conférence (associate professor) 1st class,
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CARREER

- **1993**, nationwide competitive examination for admission as **lecturer** at agricultural engineering university of Montpellier.
- **1996**, **associate professor** in agricultural engineering, Montpellier SupAgro, National Institute for Higher Education in Agriculture and Natural Resources - France (nationwide examination).
- **2003**, **sabatical** at the faculty of agriculture of the University of Sydney (Australian centre for precision agriculture).

TEACHING

Precision agriculture, topometry, GIS and Remote sensing (M Sc, specialisation : information technology applied to agriculture and environment : argotic, www.agrotic.org)

Farm machinery essentially applied to viticulture (M. Sc, specialisation viticulture-oenology of university of Montpellier – Master of university of Mendoza (argentina) – Master of university of montevideo (uruguay).

RESEARCH

- **Precision viticulture** (head of a European project Eureka funded by the french research ministry; partners : Pellenc company, vine institute of Navarra (spain), « Chivite » wine company (spain) : data fusion, expert reasoning modelisation applied to within field data.
- **Remote sensing applied to viticulture** (head of national project dedicated to the use of remote sensing images – within vineyard variability determination, image calibration, etc.)

RECENT REFERENCES

- ROUDIER P., TISSEYRE B., POILVE H., ROGER J.M.R., 2010. A technical opportunity index adapted to zone-specific management Management zone delineation using a modified watershed algorithm, **Journal of Precision Agriculture**, DOI 10.1007/s11119-008-9067-z.
- PAOLI J. N., TISSEYRE B., STRAUSS O., McBRATNEY A.B., 2010. A technical opportunity index based on a fuzzy footprint of the machine for site-specific management: application to viticulture, **Journal of Precision Agriculture**, 11, 4 , 379-396.
- SANTESTEBAN L. G., MIRANDA C., JIMENEZ C., FUENTEMILLAM., URRETAVIZCAYA I., TISSEYRE B., GUILLAUME S., ROYO J.B., 2010. Evaluation of the interest of NDVI to identify distinct management units in vineyards. **Revista de teledeteccion**. 3, 11-16.
- ACEVEDO-OPAZO C., TISSEYRE B., TAYLOR J., OJEDA H., GUILLAUME S. 2010. Spatial prediction model of the vine (*Vitis vinifera* L.) water status using high resolution ancillary information, **Journal of Precision Agriculture**, 11, 4, 358-378.
- TAYLOR J., ACEVEDO-OPAZO C., OJEDA H., TISSEYRE B., 2010, Identification and significance of sources of spatial variation in grapevine water status, **Australian Journal of vine and wine research**, 16, 218-226.
- PEDROSO M., TAYLOR J., TISSEYRE B., CHARNOMORDIC B., GUILLAUME S., 2010. A segmentation algorithm for the delineation of management zones, **Computer and electronics in agriculture**, 70, 199-208.
- ACEVEDO-OPAZO C., TISSEYRE B., GUILLAUME S. and OJEDA H., 2010. Spatial extrapolation of the vine (*Vitis vinifera* L.) water status: a first step towards a spatial prediction model, **Irrigation science**. 28,2, 143-155.
- TISSEYRE B., TAYLOR J., COULOUMA G., LAGACHERIE P., 2009. Mapping soil units within a vineyard using statistics associated with spatial data and factorial discriminant analysis, **Geoderma**, 153, 278-284.
- ACEVEDO-OPAZO C., TISSEYRE B., GUILLAUME S., OJEDA H. and ORTEGA FARIAS S., 2008. Is it possible to assess the spatial variability of vine water status, **International Journal of wine and vine research**. 42, n°4, 203-219.