# Mini CV Peter Buurman

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| Graduate School: | SENSE Research School |
| University: | Wageningen University and Research Centre |
| Institute: | |
| Research Group: | Earth SSstem Science and Climate Change |

**General information**

Name: *Dr. ir. P. Buurman*
Date of birth: *23-10-1943*
Current position: *Guest researcher*
Fields of expertise: Soil organic matter chemistry and dynamics, soil genesis, land resources mapping

**Qualifications (diploma's, degrees)**

1968 MSc Soil science and soil fertility, Wageningen University
1972 PhD diploma Soil Science, University of Wageningen

**Career**

1966-1967: Student assistantships Soil Chemistry and Regional Soil Science
1968-1975: Assistant Professor of Soil Science, Wageningen University
1975-1978: Expert Tropical Upland Problem Soils, Directorate for International Cooperation DITH, Stationed in Bogor, Indonesia
1978-1986: Associate Professor Soil Science, Wageningen University
1986-1990: Team leader Land Resource Evaluation and Planning Project (LREP) Part Soil Science: Development soil data base for Indonesia and natural resources mapping of Sumatra.
1991-2008: Associate professor soil genesis and soil organic matter studies, Wageningen University
2008-present: Guest researcher, PhD supervisor

**Key publications (3 -5 over current review period 2007 - 2009)**


Buurman, P., and A.G. Jongmans, **2005**. Podzolisation and organic matter dynamics. Geoderma 125:71-83.

Buurman, P., Nierop, K.G.J., X. Pontevedra-Pombal, A, Martinez-Cortizas, **2006**. Molecular chemistry by pyrolysis-GC/MS of selected samples of the Penido Vello peat deposit, Galicia, NW Spain. In: Peatlands: Evolution and Records of Environmental and Climate Change. Eds. L.P. Martini, A. Martinez Cortizas and W. Chesworth, p 217-240, Elsevier, Amsterdam

Arnalds, O., Bartoli, F., Buurman, P., Oskarsson, H., Stoops, G.,and Garcia-Rodeja, E.(Eds). **2007.** Soils of Volcanic Regions in Europe. Springer, Berlin, 644 pp + CD-ROM

Buurman, P., F. Peterse, and G. Almendros Martin, **2007**. Soil organic matter chemistry in allophanic soils: a pyrolysis-GC/MS study of a Costa Rican Andosol catena. European Journal of Soil Science 58: 1330-1347.

Buurman, P., K.G.J. Nierop, J. Kaal and N. Senesi, **2009**. Analytical pyrolysis-GC/MS and thermally assisted hydrolysis and methylation of EUROSOIL humic acid samples. Geoderma 150:10-22.


**Relevant scientific positions (2007 – 2009)**

2009 Invited speaker, Brazilian National Soil Congress, Fortaleza
2010 Invited speaker, Colombian National Soil Congress

**Hirsch-index (based on ISI database)**

January/February 2010: 21