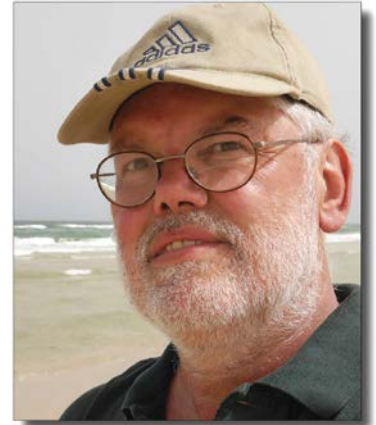


PERSONAL DATA

Dr. Yves BAUDOT
Rue des Malles-Terres, 40
B-4500 Huy (BELGIUM)

Tel. (GMT + 01): +32-85 21 72 38 Fax: +32-85 254 153
Portable: +32 - 475 - 611 221 skype: yves.baudot
E-mail: yves@nadar-gis.com
Web site: www.nadar-gis.com

Belgian citizen
Born April 7, 1955 in Kassel (Germany)
Widowed; 2 children (1985 and 1989)



- **Geographer, expert in GIS, cartography, remote sensing and aerial photography;**
- **Main application fields: urban & regional planning, environmental assessment, health, etc.;**
- **Large experience in project management, technical assistance and training.**

EDUCATION

- 1994 **Doctorat en Sciences (PhD)**, at the Catholic University of Louvain-La-Neuve, with mention "La Plus Grande Distinction" (*Summa Cum Laude*).
Thesis: Estimation of demographic and economic parameters in fast-growing cities of Third-World using satellite remote sensing and sampled aerial photographs.
- 1979 Master Degree in **Oceanography** (University of Liège): with mention "Grande Distinction" (*Magna Cum Laude*). *Speciality: coastal geomorphology, sediment analysis, beach erosion.*
- 1978 Aggregation for secondary education teaching (University of Liège), with mention "Satisfaction".
- 73-77 Master Degree in **Geographic Sciences** at the State University of Liège, with mention "Grande Distinction" (*Magna Cum Laude*).
Final report: aerial photo-interpretation for structural geomorphological analysis.

PROFESSIONAL EXPERIENCE

1994-2017

- **Free-Lance Consultant for various topics of applied remote sensing, aerial photography, GIS and cartography.**
- Co-ordinator of the association of experts “N.A.D.A.R.” (Network for Application and Development of Aerspatial Remote sensing)
- In 2010, creation of the **company “N.A.D.A.R. sprl”**, operating on the same fields of activity. The company was closed in 2016.

Periods underlined indicate a full time assignment. Periods in italics are part-time assignment, with the estimated workload (in man.monhs). Because of part-time assignments, most activities have overlapping time periods.

DATE	KEYWORDS	DESCRIPTION / CLIENT	PLACE
<i>2017</i> <i>(3 m.m)</i>	Aerial photo, 3D, video editing	Aerial photography and production of a 3D model of the city of Tournai (Belgium). Setup of an original solution for the production of a 3D model of the historical mock-up of the city in 1701 (“Plan relief Vauban”). Production of a didactic video movie on the project	Belgium
<i>2016-></i> <i>2 m.m</i>	Cartography, aerial photo, archaeology	Aerial photography and 3D modelling of traditional architectural sites (Kasbahs) in Southern Morocco; Client: Ecole d’Architecture de Marrakech, Morocco.	Morocco
<i>2015</i> <i>1 m.m</i>	Cartography, aerial photo Urbanism, environment	Aerial photography and 3D modelling of the municipality of Louga (Senegal) for land-use planning and environmental assessment. (Client: M. Dieng, St Louis)	Senegal
<u>11/2011-</u> <u>3/2014</u> <u>90%</u> <u>assignment</u> <u>(28 m.m)</u>	Project management, Remote sensing, air photo, geostatistics, forestry, land- use	EO4REDD project: using satellite and airborne remote sensing to assess and certify the protection of tropical forest in the framework of Kyoto Process / REDD+ (project done with Walphot-Eurosense, CAP-Conseil, Climact, University of Louvain and Ecole des Mines de Fontainebleau; sponsor: DGO6, Walloon Region): Using various resolution remote sensing data (SPOT, Ikonos, Quickbird, WorldView) in a sophisticated geostatistical approach to quantify forest biomass and detect forest degradation and deforestation. Study site in Maï N’dombe region, DR Congo). In charge of the methodological development for the integration of satellite data and sampled low-altitude aerial photography + overall project management. 2 missions in DR Congo	Belgium, DR Congo
<i>2012-2014</i> <i>4 m.m</i>	Remote sensing	Rush production of satellite maps of South Sudan, Syria, etc. for Médecins sans Frontières (2012).	Belgium
<i>2011-2012</i> <i>2 m.m</i>	Aerial photography, LiDAR, quality control	Organisation and quality control of a very high resolution photogrammetric / LiDAR survey of Liège Airport. Definition and implementation of the quality control policy. Client: Sowaer / Begx	Belgium

DATE	KEYWORDS	DESCRIPTION / CLIENT	PLACE
2010 2 m.m	Cartography	Map edition of a Tourism map of the Medina of Marrakech (Morocco). GIS database + map editing. Client: Hudson-Jones UK	Morocco
2010-2014 3 m.m	Remote sensing, GIS, spatial analysis	Development of a GIS database, maps and spatial analysis for epidemiological analysis in Harare, Zimbabwe, Cyangugu district, Rwanda , Conakry (Guinea); Development of a GIS database and maps for the organisation and follow-up of anti-malaria spraying campaigns in Burundi (Client: Médecins sans Frontières).	Belgium and various countries
2010 4 m.m	Cartography, GIS, edition	Data compilation (demography and GIS), thematic mapping, map editing, writing and publishing of “An atlas of Namibia’s population: monitoring and understanding its characteristics” , book published by the National Planning Commission, Central Statistical Office, Namibia (2010)	Namibia
2007-2014 3 m.m	Cartography, aerial photo, remote sensing, urbanism	Aerial photography, 3D modelling and mapping of urban districts of Abidjan and Yamoussoukro (Ivory Coast), Libreville (Gabon) and Dakar (Senegal) for various architectural projects: analysis of existing sites (SPOT satellite data and aerial photo) and integration of future projects (client: Pierre Fakhoury Organisation, Paris	Ivory Coast, Senegal, Gabon
2007 4 m.m	Remote sensing, GIS, field survey	Earth-Observation for Corporate Sustainable Development in the Energy and Hydro-Electricity Industry Sector : ESA market development study (Brazil). (client: European Space Agency & Tractebel Engineering / Suez Energy International, 2007): Remote sensing data processing (SPOT, Ikonos), GIS analysis and field work.	Brazil
2007 2 m.m	Cartography, aerial photo, mining, environment	Aerial photography, field survey and cartography of Engo Valley (2000 km ² , Skeleton coast), Garub Area (3500 km ² , Sperrgebiet), and Warmbad area (4000 km ²), Namibia, for mineral prospection and environmental impact assessment (Client: Xemplar Energy Corp., Canada / Namura, Namibia	Namibia
2005-2008 6 m.m	Cartography, GIS, training	Editing and publishing of Namibia Tourist Map , 1 st 2 nd , 3 rd and 4 th Editions of the Namibia Tourist Map (600 000 copies printed). Design and implementation of a GIS database about tourism sites and tourism accommodation; Provision of training and technical assistance (client: Namibia Tourism Board, funded by Lux-Development).	Namibia
2004 1 m.m	Cartography, GIS, aerial photo Coastal environment	Aerial photography, d-GPS survey, and mapping (including DEM) of the Walvis Bay area (Pelican Point) (client: Walvis Bay Agenda 21 project)	Namibia
2004 3 m.m	Cartography, aerial photo, GIS, urbanism	Aerial photography, d-GPS survey, and mapping (including DEM) of the Municipalities of Rundu, KatimaMulilo, Lusesse, Sibbinda, Swakopmund, Walvis Bay, etc. (client: Ministry of Regional, Local Government and Housing / Lux-Development / municipalities, Urban Dynamics Africa).	Namibia
2004 2 m.m	Cartography, aerial photo, GIS, urbanism	Aerial photography and mapping of 4 secondary cities in Rwanda , in partnership with KeyObs (Client: PIGU / World Bank).	Rwanda
2004 2 m.m	Cartography, scientific popularisation	Writing and editing of a Topographic Maps users’ Guide (both printed and web-based versions) (client: Directorate of Survey and Mapping of Namibia / Lux-Development)	Namibia
2004 1 m.m	Cartography, aerial photo, GIS, mining, environment	Aerial photography, d-GPS survey mapping and production of DEM and orthophotos of the Rössing Uranium mine and surrounding prospecting areas + environmental impact assessment (in Khan Valley) (client: Rössing mine / Rio Tinto).	Namibia

DATE	KEYWORDS	DESCRIPTION / CLIENT	PLACE
2003 2 m.m	Cartography, scientific popularisation , education	Production of large format school maps of Namibia (wall maps) (client: NIED – Min. of Education): definition of the content, compilation of data, map editing and offset printing; + project management	Namibia
2003 2 m.m	Aerial photo, cartography, population survey	Aerial photographic survey of human settlements in Okavango and Kunene areas (50 000 km ²): vertical and oblique photography. Client: Surveyor General of Namibia, Lux-Development	Namibia
2003/2005 /2009 3* 1 m.m	Aerial photo, forestry, urbanism, environment. Tech. assist. & training	Multi-date aerial photography and mapping of the city of Bobo-Dioulasso (Burkina-Faso) and surroundings, including detailed coverage of 6 protected forest, for environmental monitoring purposes. Client: Min. de l'Environnement et du Cadre de Vie / Lux-Development	Burkina Faso
2002-2008 4* 1 m.m	Market analysis, assessment study	Assessment of the current situation of GIS and cartography in Niger ; needs analysis and design for the implementation of regional GIS in Dosso, Niger (2006). Assessment study on the prevailing development of GIS in Mali (2003) Needs analysis and elaboration of a project document for the Master Plan of KatimaMulilo , Namibia Needs assessment for the development of a Municipal GIS in the Municipality of Novi Pazar (Serbia/ Montenegro)2005-2006 (client: Lux-Development).	Niger, Mali, Serbia
2002 1 m.m	Remote sensing, environment	Environmental mapping from satellite imagery (Landsat TM), for an impact-study of a new road in Cameroon (client: Tractebel-Development, 2002).	Cameroon
2000-2002 10 m.m	Cartography, Project management	Map edition and offset printing of 21 topographic maps sheets of Namibia (1 :250'000). Client : Lux-Development Consortium). In charge of the project management, quality control, production of DTM, map edition and supervision of offset printing.	Namibia
1999-2004 12 m.m	Project management, technical assistance, procurement, GIS hydrology, demography, urban planning, health and epidemiology, environment, etc.	Project Management, technical assistance and training for the NAM/328 Project: Development of GIS Awareness in Namibia Client: Surveyor General of Namibia / Lux-Development). <ul style="list-style-type: none"> - Seasonal mapping the flood plain of Okavango River (based on low-altitude photos); - Installing a network of recording water level meters for monitoring ground water level and water quality; - Population mapping (incl. the organisation and analysis of a specific population survey); - Urban development (definition and implementation of GIS tools for an urban master plan); - Optimal site analysis for schools and clinics; - Sanitary maps, incl. epidemiological analysis (bilharzias, malaria, etc.) + design & implementation of a new (prototype) system for health data collection; - Evaluation of the impact of cattle grazing on rangeland environment - Logistical support for de-mining activities. <p>This 5 years project also includes an important component of technical assistance and training in GIS plus project management with multiple partners and sub-contractors (including procurement of equipment).</p>	Namibia

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1999 2 m.m	Remote sensing, science popularisation	Contribution (as author) to the publication of a multimedia CD-ROM and related web site about satellite remote sensing (http://eoedu.belspo.be/en/guide/index.htm) about remote sensing techniques and applications. Client: Federal Science Policy Office, Brussels.	Belgium
1998 1 m.m	Remote sensing	Edition and production of a satellite maps of Kinshasa (SPOT). Client: Région Wallonne-Relations Extérieures, Belgian Ministry of Defence	Belgium
1998 2 m.m	Aerial photo, Remote sensing, urban planning	Aerial photography and data processing for the production of photomosaic of the Medina of Marrakech (University of Louvain-La-Neuve); Urban growth simulation in Marrakech using satellite imagesynthesis (SPOT) - Urban contest for the management of the district "Askjour" (for Habib BERDAI, architect in Marrakech)	Morocco
1997 2.m.m	Remote sensing, market analysis	Survey of the Value Adding Industry in Earth Observation within the European Community, for the definition of the Centre for Earth Observation (CEO). Client: JRC Ispra; worked as sub-contractor for TRASYS-Space.	Belgium
1997 2 m.m	Remote sensing, market analysis	Survey of existing activities in remote sensing within Belgium, for the Belgian contribution to European CEO. Client: Science Policy Offices, as sub-contractor for TRASYS-Space	
1997-1998 2 m.m	Aerial photo, hydrology	Aerial survey and mapping of the floodplain of the Okavango River at highest and lowest water levels, for hydrological modelling. Client: Min. of Water Affairs/Hydrology and Lux-Development	Namibia, Angola, Botswana
1994-1998 3 m.m	Cartography tendering	Organisation and supervision of international tenders for the procurement of aerial photography and derived products (DTM and orthophotos) for the updating of the new topographic map of Namibia (1:50'000 and 1:250'000). Client: Directorate of Survey and Mapping of Namibia, Lux-Development	Namibia
1994-2002 36 m.m	Cartography, tech. assistance and training, project management	Definition and implementation of a complete methodology and production line for the new updated topographic maps of Namibia (1:50'000 and 1:250'000). Map edition and offset printing of more than 100 topographic map sheets. Client: Directorate of Survey and Mapping of Namibia, Lux-Development	Namibia
1994 2 m.m	Remote sensing, feasibility study	Feasibility study for Belgian Ministry of Defence: using civilian satellite remote sensing systems (mainly SPOT) for emergency mapping for UN troops humanitarian interventions (project UN-MAP).	Belgium

1978-1994

- Researcher

DATE	KEYWORDS	DESCRIPTION / CLIENT	PLACE
<u>1993-1994</u>	Research, Remote sensing Urban planning, Demography geostatistics,	<p>Research Assistant at the Laboratory for Remote Sensing of the Catholic University of Louvain (Prof. J. Wilmet), involved in the national R&D programme on satellite remote sensing (TELSAT / Science Policy Office):</p> <ul style="list-style-type: none"> - Using satellite remote sensing for the analysis of african cities (Landsat, SPOT). - Demographic estimates via remote sensing for a pollution impact study in Morocco (with Tractebel Environment) <p>Ph-D Thesis: Télédétection Aérospatiale et Analyse Géographique de la Population des Villes dans les Pays en Développement (prof. J. WILMET, Laboratory for RemoteSensing of the CatholicUniversity of Louvain-la-Neuve) :</p> <p>Estimation of demographic and economic parameters in fast-growing cities of Third-World using satellite remote sensing (SPOT) sampled aerial photographs and field surveys; Development of a new approach for supervised classification of high-resolution data; Optimisation of stratified aeral sampling strategies; Spatial analysis using GIS tools for applied land-use management.</p>	Belgium Morocco, Burkina Faso
<u>1990-1993</u>	Remote sensing Academic teaching Software development	<p>Assistant of Prof. WILMET, Laboratoire de Télédétection of the Catholic University of Louvain-la-Neuve: Delivering practical lectures and field exercises for the cursus of:</p> <ul style="list-style-type: none"> - Photo-interpretation - Satellite remote sensing - Advanced problems in remote sensing. <p>Support for degree reports on several subjects in geography and land-use planning.</p> <p>Expert Consultant for the Federal Walloon Administration for Land-Use Planning: scientific supervision and quality control of a regional land-use map derived from satellite data. Conception and realization of an interactive demonstration software presenting remote sensing applications to the general public at the Euro Space Centre of Redu.</p>	Belgium
<u>1985-1989</u>	Remote sensing Urban planning research	<p>Researcher at the Dpt. of Geography of the University of Liège, for the S.U.R.F.A.C.E.S. group (Dr. J-P DONNAY): involved in the Belgian National R-D program on satellite remote sensing (Science Policy Office):</p> <p>TELSAT 6: Applications of SPOT data for urban monitoring in Developed Countries. Land-Use Mapping for urban management (structure planning) - case studies on Liège, Maastricht, the Euregio area, Buenos-Aires.</p>	Belgium

DATE	KEYWORDS	DESCRIPTION / CLIENT	PLACE
<u>1984-1985</u>	Software development, GIS, pedagogy	Researcher in the Section of pedagogic Studies of the Dpt. of Geography of the State University of Liège (Dr. B. MERENNE): Micro-computers and teaching in geography: Analysis, conception, realization and evaluation of computer assisted teaching software in geography	Belgium
<u>1983-1984</u>	Archaeology, GIS, software development	Archaeological research in a multi-disciplinary team of the University of Liège (C.I.R.A.): in charge of topographic and geodetic surveys for a Mesolithic excavation in Remouchamps. Topography and 3-D topological analysis. Development of "site catchement analysis" software on micro-computer (Raster-based geographical Information System).	Belgium
<u>1982-1983</u> 3 m.m	Teaching	Teacher in a secondary school (curriculum of geography and environmental sciences).	Belgium
<u>1979-1982</u>	Thematic mapping, edition, scientific popularisation	Researcher for the Department of Geography of the State University of Liège (Prof.Sporck): Conception, writing and editing of two atlases ("Liège prépare son Avenir" and "Liège Aujourd'hui et Demain"). <i>Traditional cartography and map edition.</i> ("Liège Prépare son Avenir" won the gold medal of the 1981 Plantin-Moretus award for best scientific book of the year). In this second book, Y. Baudot produced what appears to be the first computer-generated map produced in Belgium.	Belgium
<u>1978</u> 2 m.m		Oceanographic missions in Sardinia, on research ship 'BANNOCK' operated by Italian C.N.R. Submarine geomorphology using seismic profiles (with sparker, mud-penetrator, side-scan sonar,...), drilling and dragging.	Italy

TECHNICAL SKILLS

- **General computing:** Word, Excel, PowerPoint, MS Project, Access, etc.;
- **Image processing:** PhotoShop CS5, DxO Optics, PTGui, etc.;
- **3D Modeling:** Agisoft Photoscan, Acute 3D, Photomodeler, MeshLab, Zbrush, etc.
- **Video Editing:** Pinnacle Studio, Adobe Premiere, VirtualDub;
- **Web Editing:** GoLive, DreamWeaver;
- **CAD:** Illustrator CS5, Canvas, CorelDraw, Designer, AutoCAD, Autocad Civil 3D, etc.;
- **Satellite Image processing:** ER-Mapper, ERDAS, I²S, PCI, Intergraph, Envi, Global Imager, etc.; Data access, colour composites, pan-sharpening, geometric corrections (incl. orthorectification), supervised and semi-supervised classification, post-classification processing, analysis and cartographic edition.
- **GIS:** ArcGIS 10, Autocad Civil 3D, ER-Mapper, Leica Photogrammetric Suite (LPS), Microstation-MGE, QGIS, etc.: database design, reference systems management, integration raster / vector, database and CAD editing, data analysis (including DEM), modelling, cartographic edition, etc.
- **Cartography:** ArcGIS 10, Illustrator + MapPublisher plugin;
- **Statistics:** Excel (incl. macro programming), SyStat, SPSS, Epi-Info; expert in geographic sampling design.
- **Programming:** Basic, Pascal, JavaScript, Php.
- Excellent expertise in **photography**, digital photography, **video** (incl. digital edition);
- **Navigation and surveying** (on earth, air and sea), using both traditional and satellite-based tools (GNSS and differential GPS);
- **4x4 driving** in difficult conditions, mechanics;
- Diving.

SPOKEN LANGUAGES

- French: mother language.
- English: 100% fluent (speaking, reading, writing).
- Working knowledge of Dutch, Italian, and German.

PUBLISHED PAPERS & BOOKS

WILBAUX, Q. et al., 2017: Le nuage et la ville : film vidéo de présentation des modèles 3D de la Ville de Tournai et de la maquette « Vauban » de la ville, présenté à l'occasion de l'inauguration de la faculté LOCI de l'UCL à Tournai.

<https://www.youtube.com/watch?v=bh2LKbnzkrE>

BEAUMONT, B. et al., 2015: Combining satellite, aerial and ground measurements to assess forest carbon stocks in Democratic Republic of Congo, Geophysical Research Abstracts Vol. 17, EGU 2015-4765-4.

ENGY, Ali et al., 2017 : Localised transmission hotspots of a typhoid fever outbreak in the Democratic Republic of Congo, The Pan African Medical Journal. 2017;28:179

Luque Fernandez, MA; Schomaker, M; Mason, PR; Fesselet, JF; Baudot, Y; Boulle, A; Maes, P (2012) Elevation and cholera: an epidemiological spatial analysis of the cholera epidemic in Harare, Zimbabwe, 2008-2009. BMC public health, 12. p. 442. ISSN 1471-2458 DOI: 10.1186/1471-2458-12-442

BAUDOT, Y., 2011: Mosaïques aériennes, précision et détail, Chasseur d'images N°337 – Octobre 2011, pp. 106-113.

BAUDOT, Y. and MENDELSON, J., 2010: An atlas of Namibia's population: monitoring and understanding its characteristics; published by the National Planning Commission, Central Bureau of Statistics, Windhoek (Namibia) 2010, 65 pp.

Namibia Tour Planning Map, Ed. 4, 2009: 1:2 000 000 - 70x75 cm *plano* + comments. Publisher: Namibia Tourism Board, Windhoek, Namibia.

Namibia Tour Planning Map, Ed. 3, 2008: 1:2 000 000 - 70x75 cm *plano* + comments. Publisher: Namibia Tourism Board, Windhoek, Namibia.

Namibia Tourist Planning Map, Ed. 2, 2007: 1:2 000 000 - 70x75 cm *plano* + comments. Publisher: Namibia Tourism Board, Windhoek, Namibia.

Namibia Tourist Planning Map, 1st Ed., 2006: 1:2 000 000 - 70x75 cm *plano* + comments. Publisher: Namibia Tourism Board, and Directorate of Survey and Mapping, Windhoek, Namibia.

OSTC, 2000 :Multimedia interactive CD-Rom « Belgian Earth Observation » and related web site (<http://telsat.belspo.be/beo/>) : in charge of the chapters related to image processing and data analysis.

BAUDOT, Y. 1997, A Method for the Geographical Analysis of the Population of Fast-growing Cities in Third-World, GISDATA specialists meeting, Strasbourg, Dec. 1997 ;

Published in Donnay, J-P., Barnsley, M.J., and Longley P.A. (eds. 2001) Remote Sensing and Urban Analysis. Taylor and Francis, London.

BAUDOT, Y., 1995: Applications of Remote Sensing to the Management of Urban Areas in Less-Developped Countries- in Space Scientific Research in Belgium Vol. 3 Earth Observation Part 2, Federal Office for Scientific, Technical and Cultural Affairs, Brussels, pp. 10-18.

BAUDOT, Y. and WILBAUX, Q., 1995: Urban Growth in Marrakech, SPOT Magazine, N° 23 June 1995, SPOT-IMAGE, Toulouse (France), pp. 16-18. (alsopublished in French).

BAUDOT, Y., 1994a: Télédétection Aérospatiale et Analyse Géographique de la Population des Villes dans les Pays en Développement - Thèse de Doctorat (non publiée), Université Catholique de Louvain, Faculté des Sciences, 356 p.

- BAUDOT, Y., 1994: "La précision des modèles numériques de terrain générés à partir de cartes topographiques limite leur exploitation dans les systèmes d'information géographique", Thèse de Doctorat annexe (non publiée), Université Catholique de Louvain, Fac. des Sciences, 14 p.
- BAUDOT, Y., 1994c: Analyse Géographique des Populations Urbaines au Moyen des Satellites d'Observation de la Terre - Synthèse d'une Etude-Pilote menée à Ouagadougou (Burkina-Faso), Labo. de Télédétection UCL (non publié), 25 p.
- BAUDOT, Y. et WILMET, J., 1994: Production et Utilisation d'Orthophotoplans Numériques dans le Cadre d'Inventaires Urbanistiques et d'Estimations Démographiques - Rapport d'avancement de la Convention N° X/1.20.04/01/93.14.1/, AUPELF-UREF (non publié), 18 p.
- BAUDOT, Y. et WILMET, J., 1993: Vegetation Monitoring in Urban Areas Using Remote Sensing - *Sistema Terra*, Vol. 2, N°1, Ed. Laterza, Roma (Italie), pp. 66-68.
- BAUDOT, Y. et WILMET, J., 1993: Estimations Démographiques menées par Télédétection Satellitaire dans le cadre d'une Etude de Pollution Industrielle à Mohammédia (Maroc), Etude de Faisabilité, Services de Programmation de la Politique Scientifique-TRACTEBEL-Environnement, Bruxelles (non publié), 25 p.
- BAUDOT, Y., 1992: Application of remote Sensing to Urban Population Estimation: a case study of Marrakech, Morocco - *EARSEL Advances in Remote Sensing*, Vol. 2,3, pp. 138-147.
- BAUDOT, Y. et WILMET, J., 1992a: Quantification de la Croissance Urbaine au moyen des Satellites à Haute-Résolution, Applications à Lubumbashi, Marrakech et Ouagadougou. *Proc. MARISY Symp. 7-9 Oct. 1992*, N° spécial de *Géo-Observateur*, CRTS Rabat (Morocco), pp. 279-291.
- BAUDOT, Y. et WILMET, J., 1992b: Villes et Régions Urbaines des Pays en Développement - Rapport final de la deuxième phase du programme TELSAT, Programmation de la Politique Scientifique, Bruxelles, 115 p.
- BAUDOT, Y. et WILBAUX, Q., 1992: Dans les Quartiers de Marrakech, *Sistema Terra* N° 1, ed. Laterza, Roma (Italie), pp. 34-38.
- BAUDOT, Y., 1991a: A Comparison of Different Methods used to Generate Digital Elevation Models - *Proc. IGARSS'91 symposium*, 4-7 June, 1991, Helsinki (Finland), Vol. 4, pp. 2435-2439.
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- BAUDOT, Y., 1991b: High-Quality Satellite Images Intended for the General Public - *Proc. 24th ERIM Conference on remote Sensing of Environment*, May 27-31, 1991, Rio de Janeiro (Brazil).
- BAUDOT, Y., 1991c: Evaluation de la précision dans le Modèles Numériques de Terrain (DTM) - Journée des Chercheurs FNRS, groupe de contact Télédétection et Géographie Quantitative. 13 mars, Liège.
- BAUDOT, Y., 1990a: A New Approach to Satellite Image Classification using a Color Data Compression Algorithm - *Proc. IGARSS'90 symposium*, 20-24 May, 1990, Washington (USA).
- BAUDOT, Y., 1990b: Integration of High-Quality Remote Sensing Images with Low-Cost Geographical Information Systems - *Proc. EGIS'90*, 10-14 April, 1990, Amsterdam (The Netherlands), pp. 40-46.
- MASSART, M, JACQUES, P & BAUDOT, Y, 1990: Improvement of agricultural statistics by remote sensing. Study of an operational system of agricultural monitoring in Central Africa. *ERIM symposium* apr. 18-25, Bangkok, Thailand.
- BAUDOT, Y. et WILMET, J., 1991: Carte Satellitaire de la Région Wallonne-Vérification de la Précision de la Classification; rapport d'expertise - Direction Générale de l'Aménagement du Territoire et du Logement, Jambes (non publié), 14 p. + annexes.
- BAUDOT, Y. et NADASDI, I., 1990: Carte Satellitaire de la Wallonie: Vérification de la précision des Corrections Géométriques, Rapport d'expertise - Direction Générale de l'Aménagement du Territoire et du Logement, Jambes, 36 p.

- BAUDOT, Y., NADASDI, I. et DONNAY, J-P., 1989: Développement Urbain, Rapport scientifique final de la Première phase du Programme TELSAT, Services de Programmation de la Politique Scientifique, Bruxelles (non publié), 97 p.
- BAUDOT, Y., DONNAY, J-P., HOUSIER, P. et NADASDI, I. 1987, Établissement d'un référentiel de terrain en milieu urbain en vue de l'exploitation d'images satellitaires. *Bull. Soc. Géogr. de Liège*, N° hors-série en hommage au Prof. Sporck, Tome 1, Presses universitaires de Liège pp. 5 - 15.
- NADASDI, I., BAUDOT, Y., HOUSIER, P. et DONNAY, J-P. 1987, Un classement supervisé de l'utilisation du sol et son exploitation dans l'agglomération liégeoise à partir d'une scène SPOT, dans Actes de la journée de recherches F.N.R.S. du 27 mai 87. *Notes de la Soc. Géogr. de Liège*, Tome 9, pp. 33 - 51.
- NADASDI, I., BAUDOT, Y., DONNAY, J-P. et HOUSIER, P. 1987, Occupation du sol et écologie urbaine par télédétection satellitaire SPOT - le cas de Liège, in A SPOT-1 műholdhasznosítása 2nd intern. Remote sensing conference Sept. 17 - 18, Geodéziai és Kartográfiai Egyesület, Budapest, pp. 74 - 89.
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Transports par voie d'eau (pp. 84 - 85)

Energie du relief (in collaboration, p.31)

Transports par autobus (in collaboration, p. 87)

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AERIAL PHOTO JOBS

DATE	SITE	TYPE	APPLICATION	CLIENT
1992 & 1994	Medina of Marrakech (Morocco)	Mosaic 1:5k + obliques	Archaeological / architectural survey	Marrakech Medina / Université de Louvain
1992	Qasba de Tameslouth (Morocco)	Stereo obliques + mosaic 1:2k	Archaeological / architectural survey	Marrakech Medina
1993	Various sites in Belgium	Mosaics 1:5k	Dump sites monitoring	IGRETEC
1994	Marrakech Golf Course	Mosaic 1:5k	Advertising	NADAR
1994	Ouagadougou (Burkina Faso)	Sampling	Demographic survey	Université de Louvain
1994	Abbaye de Scourmont	Mosaic 1:2k	Advertising	Abbaye de Chimay
1994	Windhoek Country Club Golf course	Mosaic 1:5k	Advertising	Q-Gis
1995	Kavango Region (Namibia)	Vertical & oblique (90'000 km ²)	Settlements survey and mapping	Directorate of Survey and mapping
1996 & 2002	Rundu (Namibia)	Mosaic 1:10k	Urban planning	Rundu Town Council / Lux Development
1996	Kavango Region (Namibia)	Sampling (low altitude stereo)	Calibration of forest density map	Directorate of Survey and Mapping
1997 & 1998	Okavango River (Namibia-Angola)	Profile mosaic 1:5k (400 km)	Vegetation mapping	Dpt. Of Hydrology / Water affairs
1997 & 2002	Walvis Bay (Namibia)	Orthophotos - Mosaic 1:10k	Urban planning	Municipality of Walvis Bay
1999	Nkurenkuru & Divundu (Namibia)	Mosaics 1:10k	Urban planning	Min. of Local government and Housing
2002	Windhoek East (Namibia)	Profiles and Mosaics (test)		NADAR

DATE	SITE	TYPE	APPLICATION	CLIENT
2002	Daan Viljoen Game Park (Namibia)	Mosaic 25k	Resource planning / advertising	Directorate of Survey and Mapping / Polytechnic School
2002	Kahenge, Ndyona, Chinchimane, Ngoma, Kalkfeld, Okandjira, Otjinene and Epukiro (Namibia)	Mosaics 1:10k	Urban planning	Min. of Local government and Housing
2002	Kavango Region (Namibia)	Sampling	Woody biomass assessment	Dpt. Of Forestry (Min. of Environment)
2002	Karibib, KatimaMulilo, Khorixas, Otavi (Namibia)	Orthophotos and corrected mosaics 1:10k	Urban planning	Stewart & Scott
2002	Mashare Agricultural Development Farm (Namibia)	Mosaic 1:10k	Resource management	Min. of Agriculture / Lux-Development
2003	Northern Namibia	Orthophotos - Vertical & obliques (400'000 km ²)	Settlements survey and mapping	Directorate of Survey and Mapping
2003	Endola (Namibia)	Profile mosaic 1:10k	Road planning	Burmeister& Partners
2003	Walvis Bay Lagoon and Peninsula (Namibia)	Mosaic 1:5k	Environmental assessment / advertising	Agenda 21 Project / Walvis Bay Salt Refiners
2003	Swakopmund (Namibia)	Mosaic 1:10k	Advertising	RAISON
2003	Inongo (R.D. Congo)	Mosaic 1:10k	Infrastructure planning	GruppoCestari
2004	Liège, Engis, Huy, Marchin	Mosaic 1:5k	Advertising	NADAR
2004	Ruhengeri, Butare, Nyaza, Kabuga (Rwanda)	Corrected Mosaics 1:10k	Urban planning	Min. des Infrastructures
2005	Swakopmund (Namibia)	Mosaic 5k, d-GPS survey and mapping	Urban planning	Municipality of Swakopmund

DATE	SITE	TYPE	APPLICATION	CLIENT
2005	Walvis Bay (Namibia)	Mosaic 5k, d-GPS survey and mapping	Urban planning	Municipality of Walvis Bay
2005	Rössing Uranium Mine + Khan Valley (Namibia)	Mosaic 5k, d-GPS survey and mapping	Environmental assessment	Rössing Mine (Rio Tinto)
2005	Lusesse and Sibbinda (Namibia)	Mosaic 5k	Urban planning	Urban Dynamics Africa
2006-2008	Abidjan, Yamoussoukro and Assinie (Ivory Coast)	Various aerial photo projects (scale 1:500 to 1:10 000)	Urban planning and 3D landscape rendering	P.F.O. Côte d'Ivoire
2006	Engo Valley (Skeleton Coast), Garub District (Namibia)	Photos mosaics 10k (4 000 km ²)	Environmental assessment and mineral prospection	Namura / Xemplar (Canada)
2007	Libreville (Gabon)	Various aerial photo projects (scale 1:500 to 1:5 000)	Urban planning	P.F.O. Ltd. London
2007	Wamrmbad / Orange River (Namibia)	Photos mosaics 10k (3 500 km ²)	Environmental assessment and mineral prospection	Namura / Xemplar (Canada)
2008	Windhoek (Namibia)	Photo mosaic 1:5000	Urban planning / marketing	In partnership with GeoCarta
2009	Bobo-Dioulasso (Burkina Faso)	Photo mosaics at various scale (1:1000 to 1:10000)	Hydrology, Forestry and environment	Lux-Development, GEau, Min. of Environment
2012	Abidjan (Ivory Coast)	Various aerial photo projects (scale 1:500 to 1: 2 000)	Urban planning and 3D landscape rendering	P.F.O. Côte d'Ivoire
2012	Belgium (various sites)	High resolutionsurveys	Environment, infrastructures	BeGX (Liège)
2013	RD Congo (Mai Ndombe)	Sampingsurvey (stereoscopic photos)	Forestry	EO4REDD Project

DATE	SITE	TYPE	APPLICATION	CLIENT
2013	Belgium (various sites)	High resolutionsurveys (testing)	Environment, infrastructures	EO4REDD / NADAR
2014	Dakar (Senegal)	Various aerial photo projects (scale 1:500 to 1: 2 000)	Architecture and urban planning (orthophotos and 3D models)	P.F.O. Africa
2015	St Louis et Louga (Senegal)	Various aerial photo projects (scale 1:500 to 1: 2 000)	Environment and urban planning (orthophotos and 3D models)	M. Dieng&associés (St Louis)
2016	Kasbas de Tamesloht et Oumnast (Morocco)	Oblique and vertical photography	Architectural inventory (orthophotos and 3D models)	Q. Willbaux
2017	City of Tournai (Belgium)	Oblique and vertical photography	Urban planning, historical survey, 3D modeling	LOCI faculty (UCL) Belgium

REFERENCES

- Will be supplied upon request.

Updated in November 2017

