

## **Tri par la portée temporelle**

### **Temps immédiat**

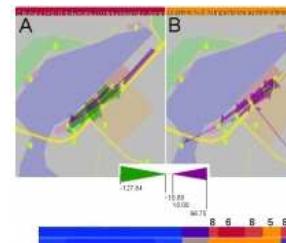
*Analyses portant sur quelques heures ou quelques jours, granularités de la seconde à la journée, échelle ou portée habituelle inférieure à 2 semaines.*

#### ***a) publications***

Aigner W. et al. (2007) *Visualizing Time-Oriented Data – A Systematic View* Computers and Graphics Volume 31 Issue 3, June, 2007 Pages 401-409 Pergamon Press [http://www.donau-uni.ac.at/imperia/md/content/department/ike/ike\\_publications/2007/refereedjournalarticles/aigner\\_2007\\_cg\\_visualizing-time-oriented-data.pdf](http://www.donau-uni.ac.at/imperia/md/content/department/ike/ike_publications/2007/refereedjournalarticles/aigner_2007_cg_visualizing-time-oriented-data.pdf)

Andrienko N., Andrienko G. (2009) *Interactive Cluster Analysis of Diverse Types of Spatiotemporal Data* SIGKDD Explorations Volume 11, Issue 2 [http://www.hii.tu.fi/vakd09/vakdsi09andrienko\\_final.pdf](http://www.hii.tu.fi/vakd09/vakdsi09andrienko_final.pdf) (acc 26 08 2013)

Andrienko N., Andrienko G., Stange H., Liebig T., Hecker D. (2012) *Visual Analytics for Understanding Spatial Situations from Episodic Movement Data*. Künstliche Intelligenz <http://geoanalytics.net/and/papers/ki12.pdf> (acc 21 09 2013)



Antoni J.P., Klein O., Moisy, S.(2012) *La discréétisation temporelle. Une méthode de structuration des données pour la cartographie dynamique*. Cartes & Géomatique, Revue du Comité Français de Cartographie, 213, 27-31. [http://hal.archives-ouvertes.fr/docs/00/73/64/67/PDF/La\\_discretisation\\_temporelle.pdf](http://hal.archives-ouvertes.fr/docs/00/73/64/67/PDF/La_discretisation_temporelle.pdf) (acc 18 09 2013)

Beaude B., Guillemot L. (2012) *Commuting Scales. Cartographie dynamique d'accessibilité temporelle* Mappemonde n° 105 <http://mappemonde.mgm.fr/num33/lieux/lieux12102.html> (acc 21 09 2013)

Biadgilgn, D.M., Blok, C.A., Huisman O. (2011) *Assessing the Cartographic Visualization of Moving Objects* Momona Ethiopian Journal of Science, 3(2011)1, pp. 80-104 <http://www.ajol.info/index.php/mejs/article/view/63687> (acc 13 06 2013)

Delage M., Le Néchet F., Louail T., Mathian H., Rey Coyrehourcq S., (2010) *Simulation d'accessibilité dans la ville et expérience pédagogique : le modèle AccesSim* in : Foltête J.-C. (dir.), Actes des Neuvièmes Rencontres de Theo Quant, Besançon. ISSN 1769-6895. <http://thema.univ-fcomte.fr/theoq/pdf/2009/TQ2009%20ARTICLE%2044.pdf> (acc 17 09 2013)

Elmqvist N. et al. (2010) *Melange: Space Folding for Visual Exploration Visualization and Computer Graphics, IEEE Transactions on* (Volume:16 , Issue: 3 ) <http://www.purdue.edu/discoverypark/vaccine/assets/pdfs/publications/pdf/Melange.pdf> (acc 25 04 2012)

Fusco, G. *Dynamiques territoriales et système de la mobilité : un modèle bayésien pour la Côte d'Azur*. Recherches en ligne UMR Espace . <http://www.umr-espace.org/Etudes/ModelSimulSpat/FuscoG/FuscoG.pdf> (acc 21 09 2013)

Geertman, S., T. de Jong & C. Wessels (2003), *Flowmap: A Support Tool for Strategic Network Analysis*. In: Geertman, S. & J. Stillwell (Eds): Planning Support Systems in Practise. Berlin: Springer Verlag.

Guimarães de Oliveira M., De Souza Baptista C. (2012) *Geostat – A System for Visualization, Analysis and Clustering of Distributed Spatiotemporal Data* Proceedings XIII GEOINFO, November 25-27, 2012, Campos do Jordão, Brazil. p 108-119 <http://www.geoinfo.info/geoinfo2012/papers/oliveira.pdf> (acc 26 08 2013)

Kapler T., Wright W., (2006) *GeoTime Information Visualization*, in: Ward M.O., Munzner T., (dir.) – Proceedings of 10th IEEE Symposium on Information Visualization (InfoVis 2004), IEEE Computer Society : 25-32 [http://www.cs.umd.edu/hcil/VASTcontest06/SUBMITTED/Oculus-nSpace&GeoTime/Oculus-nSpace&GeoTime/ref%20papers/KaplerWright\\_GeoTime\\_InfoViz\\_Final\\_Conf.pdf](http://www.cs.umd.edu/hcil/VASTcontest06/SUBMITTED/Oculus-nSpace&GeoTime/Oculus-nSpace&GeoTime/ref%20papers/KaplerWright_GeoTime_InfoViz_Final_Conf.pdf) (acc 26 08 2013)

Konjar et al. (2010) *Using flow maps to explore functional regions in Slovenia*. Proceedings of the 2nd International Conference on Information Society and Information Technologies - ISIT 2010 <http://diuf.unifr.ch/people/lalanned/Articles/isit10.pdf> (acc 19 03 2013)

## Représentation dynamique des temporalités des territoires Bibliographie structurée

Kristensson O., et al. *An Evaluation of Space Time Cube Representation of Spatiotemporal Patterns*  
IEEE transactions on visualization and computer graphics, vol. 15, no. 4, july/august 2009  
[http://www.oculusinfo.com/assets/pdfs/GeoTime\\_Method\\_Evaluation\\_TVCG\\_09\\_published.pdf](http://www.oculusinfo.com/assets/pdfs/GeoTime_Method_Evaluation_TVCG_09_published.pdf) (acc 11 04 2013)

Krstajic M, Rohrdantz C, Hund M, Weiler A (2012) *Getting There First: Real-Time Detection of Real-World Incidents on Twitter* 2nd IEEE Workshop on Interactive Visual Text Analytics -IEEE VisWeek 2012  
[http://bib.dbvis.de/uploadedFiles/submission\\_webpage.pdf](http://bib.dbvis.de/uploadedFiles/submission_webpage.pdf) (acc 21 09 2013)

Lammarsch T et al. (2009) *Hierarchical Temporal Patterns and Interactive Aggregated Views for Pixel-based Visualizations* iv, pp.44-50, 2009 13th International Conference Information Visualisation  
[http://publik.tuwien.ac.at/files/PubDat\\_217972.pdf](http://publik.tuwien.ac.at/files/PubDat_217972.pdf) (acc 29 05 2012)

Lautenschütz A.K. (2012) *Map Readers' Assessment of Path Elements and Context to Identify Movement Behaviour in Visualisations* The Cartographic Journal Vol. 49 No. 4 pp. 337–349 November 2012 [http://www.geo.uzh.ch/~annakl/Paper/caj187\\_Lautenschutz.pdf](http://www.geo.uzh.ch/~annakl/Paper/caj187_Lautenschutz.pdf) (acc 02 10 2013)

Kobben B., Becker T., Blok C.(2012) *Webservices for Animated Mapping:The TimeMapper Prototype*  
Lecture Notes in Geoinformation and Cartography 2012, pp 205-217  
[http://kartoweb.itc.nl/kobben/publications/2012/Webser\\_vices\\_for\\_Animated\\_Mapping\\_The\\_TimeMapper\\_prototype.pdf](http://kartoweb.itc.nl/kobben/publications/2012/Webser_vices_for_Animated_Mapping_The_TimeMapper_prototype.pdf) (acc 02 10 2013)



Li X. (2010) *The Time Wave in Time Space* ITC dissertation 175 U Twente  
[http://www.itc.nl/library/papers\\_2010/phd/li.pdf](http://www.itc.nl/library/papers_2010/phd/li.pdf) (acc 03 10 2013)

MacEachren, AM. et al. (1999) *Exploring the Potential of Virtual Environments for Geographic Visualization*  
<http://www.geovista.psu.edu/publications/aag99vr/fullpaper.htm> (acc 21 08 2013)

Piórkowski, M.; Sarafijanovic-Djukic, N.; Grossglauser, M. (2009) *A parsimonious model of mobile partitioned networks with clustering*. Proc. Communication Systems and Networks and Workshops, 2009. COMSNETS 2009.  
<http://icapeople.epfl.ch/grossglauser/Papers/comsnets09.pdf> (acc 01 10 2013)

Robert S. (2007) *Le paysage visible de la Promenade des Anglais à Nice: essai d'une représentation cartographique dynamique*. Mappemonde n° 86 <http://mappemonde.mgm.fr/num14/articles/art07201.html> (acc 22 09 2013)

Spaccapietra S., Parent C., Zimányi E. (2007) *Spatio-Temporal and Multi-Representation Modeling: A Contribution to Active Conceptual Modeling*, in Active Conceptual Modeling for Learning, LNCS 4512, 2007.  
<http://infoscience.epfl.ch/record/105049/files/ACML070522.pdf?version=1> (acc 26 09 2013)

Thévenin T., Chardonnell S., Cochey E. (2007) *Explorer les temporalités urbaines de l'agglomération de Dijon*. Espace populations sociétés [En ligne], 2007/2-3. <http://eps.revues.org/2069> (acc 21 09 2013)

Tominski C., Schumann H., Andrienko G., Andrienko N. (2012) *Stacking-Based Visualization of Trajectory Attribute Data*  
IEEE Transactions on Visualization and Computer Graphics (Proceedings IEEE Information Visualization 2012), vol. 18(12). [http://www.informatik.uni-rostock.de/~ct/pub\\_files/Tominski12TrajectoryVis.pdf](http://www.informatik.uni-rostock.de/~ct/pub_files/Tominski12TrajectoryVis.pdf) (acc 14 03 2013)

VrotsouK., Forsell C., Cooper M. (2009) *2D and 3D Representations for Feature Recognition in Time Geographical Diary Data* Information Visualization 2010 9: 263 <http://ivi.sagepub.com/content/9/4/263> (acc 13 06 2013)

Weber M., Alexa M., MüllerW. (2001) *Visualising times series on spirals*  
Information Visualization INFOVIS 2001 IEEE Symposium, pp. 7 –13.  
[http://ieg.ifs.tuwien.ac.at/~aigner/teaching/ws06/infovis\\_ue/papers/spiralgraph\\_weber01visualizing.pdf](http://ieg.ifs.tuwien.ac.at/~aigner/teaching/ws06/infovis_ue/papers/spiralgraph_weber01visualizing.pdf) (acc 19 03 2013)

Zhao L., Forer P., Harvey A.S. (2008) *Multi-Scale and Multi-Form Visualisation of Human Movement Patterns in the context of Space, Time and Activity: From Timeline to Ringmap*. AGILE 2008 Conference, Girona, Spain  
<http://geoanalytics.net/GeoVis08/a25.pdf> (acc 14 03 2013)

## Représentation dynamique des temporalités des territoires

### Bibliographie structurée

Zhao J., Forer P., Sun Q., Simmons D. *Multiple view geovisualization of tourist activities in space and time at different scales*. Proceedings - AutoCarto 2012 - Columbus, Ohio, USA - September 16-18, 2012  
[http://www.cartogis.org/docs/proceedings/2012/Zhao\\_et.al\\_AutoCarto2012.pdf](http://www.cartogis.org/docs/proceedings/2012/Zhao_et.al_AutoCarto2012.pdf) (acc 13 06 2013)

#### **b) demos en ligne**

---

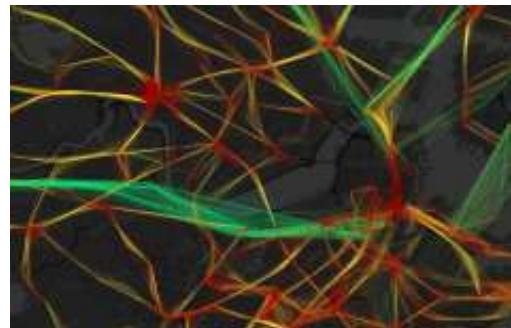
Activité mondiale des cyclones, typhons, ouragans, tempêtes et dépressions sur la planète  
<http://www.cyclonextreme.com/cyclonemonde.htm> (acc 16 10 2013)

A day of Muni  
[http://www.visualcomplexity.com/vc/project\\_details.cfm?id=730&index=730&domain=](http://www.visualcomplexity.com/vc/project_details.cfm?id=730&index=730&domain=) (acc 03 03 2013)

Animated bus track  
[http://www.carto.net/svg/samples/animated\\_bustrack.shtml](http://www.carto.net/svg/samples/animated_bustrack.shtml) (acc 21 09 2013)

Animated Atlas : Air traffic over North America  
<http://maps.unomaha.edu/AnimatedFlightAtlas/Default.html/> (acc 21 09 2013)

Bostonography  
<http://bostonography.com/bus/> (acc 28 08 2013)



cabspotting.  
<http://cabspotting.org/client.html> (acc 01 10 2013)

Flowmap software package, U. Utrecht, téléchargeable en ligne :  
<http://flowmap.geog.uu.nl/index.php> (acc 11 04 2013)

Le paysage visible de la Promenade des Anglais à Nice: essai d'une représentation cartographique dynamique  
[http://mappemonde.mgm.fr/num14/articles/samu\\_ani.html](http://mappemonde.mgm.fr/num14/articles/samu_ani.html) (acc 21 09 2013)

Live map of London underground trains  
<http://traintimes.org.uk/map/tube/>

Map of bike journeys  
<http://www.newscientist.com/blogs/shortsharpscience/2012/09/map-of-bicycle-journeys-reveal.html> (acc 19 03 2013)

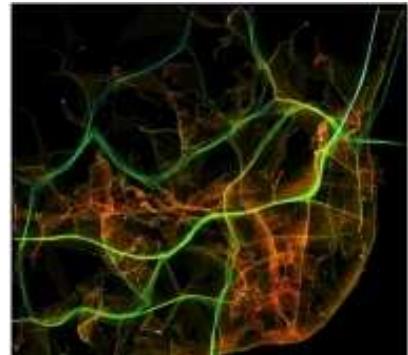
The Shape of Song – M.Wattenberg  
<http://www.bewitched.com/song.html>

Urban Data Challenge 2013  
<http://urbanprototyping.org/prototype/challenges/urban-data-challenge-zurich-sf-geneva/> (acc 11 09 2013)

The Geotaggers' World Atlas  
<http://www.visualcomplexity.com/vc/project.cfm?id=727> (acc 26 09 2013)

TimeMapper: Visualizing Moving Object Data using WMS Time and SVG SMIL Interactive Animations  
[http://www.svgopen.org/2009/papers/56-TimeMapper\\_Visualizing\\_Moving\\_Object\\_Data\\_using\\_WMS\\_Time\\_and\\_SVG\\_SMIL\\_Animations/](http://www.svgopen.org/2009/papers/56-TimeMapper_Visualizing_Moving_Object_Data_using_WMS_Time_and_SVG_SMIL_Animations/) (acc 02 10 2013)

Visualiser les zones encombrées : Traffic in Lisbon  
<http://transid.blogspot.fr/2010/03/visualiser-les-zones-encombrees-traffic.html> (acc 23 01 2013)



Yosemite National Park Hiking Map  
<http://www.carto.net/williams/yosemite/index.svg> (acc 14 04 2013)