Winter, Thierry

GENERAL BACKGROUND

Nationality	French
Age	43 (born in 1961)
Profession and present position	Seismic Hazard Specialist, Engineering Geologist, Deputy Director of Land Use Planning and Natural Risks Division
Languages	French, English, Spanish
Years of experience	19, 8 with BRGM

ACADEMIC BACKGROUND

1990 Ph.D. University of Paris, Structural Geology and Seismotectonics
Thesis: "Mechanisms of recent deformations in Ecuadorian Andes".

PROFESSIONAL Background

1985	Research Engineer at Tectonics/Lithosphere Mechanics Laboratory at Institut de Physique du Globe de Paris
1986	Research Engineer for the French Power Board
1986-1989	Resident Research Engineer for the French Ministry of Foreign Affairs in Ecuador
1988	Research Engineer for the Department "TEGG" of the French Power Board
1990-1996	Seismic Hazard Specialist and Geologist at Coyne et Bellier (Engineering Consultants for hydropower projects)
1997	Project Manager, Seismic Hazard Specialist and Research Engineer at BRGM.
1998-1999	Head of Geomorphology and Remote Sensing Laboratory (20 Research Engineers)
1999-2001	Responsable of Research & Development for Land Use Planning and Natural Risks Department (45 Research Engineers)
Since 2001	Deputy Director of Land Use Planning and Natural Risks Division (80 Research Engineers)

SUMMARY OF QUALIFICATIONS AND EXPERIENCE

Dr. Th. Winter has over 15 years experience as a specialist in seismotectonics, seismic hazard, engineering geology. He has been involved in a large variety of major projects in more than 25 countries for more than 45 Dams and Catchment Schemes and more than a dozen of Oil and Gaz Field Development, Pipelines, Off-Shore Cables and Tunnels and gained an international reputation throughout the seismotectonics and seismic hazard communauty

As Research Engineer at Institut de Physique du Globe de Paris and then for the French Ministry of Foreign Affairs in Ecuador, as project engineer at COYNE ET BELLIER (Engineering Consultants for hydropower projects Project) and then as project manager, head of the Geomorphology and Remote Sensing Laboratory and then Deputy Director of Land Use Planning and Natural Risks Division at BRGM, he develops a comprehensive methodology for assessing seismic hazard based on the link between structural geology, seismicity and identification and characterization of active faulting. Recently, he focuses on active faulting and seismic hazard in intracontinental areas of widespread seismicity and slow rate deformations. He is member of the Scientific Board of the French Office of Seismology for the Research Ministry, Manager of (i) GéoFrance 3D national french research program on the Upper Rhine Graben, and (ii) various European Projects on active faulting and seismotectonics (SAFE, ENTEC, EUCOR-URGENT)

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PROFESSIONAL EXPERIENCE

Professional Highlights :	**Responsibility :**
Seismotectonic Analysis and Seismic Hazard Assessment :	
• The 1983 Calabre earthquake, 1985	Research Engineer
• Neotectonics in France, 1986	Research Engineer
• Seismotectonic of the Western Pyrenees Mountains, 1988	Research Engineer
• Mechanisms of recent deformations in the Andes, Ecuador, 1986-1990	Research Engineer
• Seismotectonic diagnosis of the Moroccan Rif, 1991	Seismotectonic Specialist
• Seismotectonics of the Africa-Arabia-Anatolie triple point, Turkey, 1991	Seismotectonic Specialist
• Seismotectonic analysis of the Island of Mindanao, the Philippines, 1991	Seismotectonic Specialist
• Seismotectonic analysis of the Himalayas in Kashmir, India, 1991-1993	Seismotectonic Specialist
• Seismotectonic analysis of the continental margin in Ghana, 1992	Seismotectonic Specialist
• Review of successive estimates of seismic risk for the Jatilhur dam, Java, 1992	Seismotectonic Specialist
• Development of software for deterministic seismic hazard evaluation, 1992-93	Seismotectonic Specialist
• Seismotectonic analysis of the Red River fault, Viet Nam, 1993	Seismotectonic Specialist
• Seismotectonic analysis of Luxemburg, 1993	Seismotectonic Specialist
• Seismotectonic analysis of Armenia, 1994	Seismotectonic Specialist
• Seismotectonic analysis of Myanmar and Andaman Sea, Myanmar, 1994	Seismotectonic Specialist
• Seimotectonic analysis of the Northern Arabian Margin, Turkey, 1994	Seismotectonic Specialist
• Seismotectonic analysis of Northern Thailand, Thailand, 1994	Seismotectonic Specialist
• Seismotectonic of Northern Tunisia, 1994	Seismotectonic Specialist
• Seismotectonic analysis of the Haut-Atlas range, Morocco, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of the subandean zone, Colombia, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of the Aqaba Gulf, Jordan-Egypt, 1995	Seismotectonic Specialist
• Seismotectonic analysis of off-shore Southern Myanmar, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of the Andean range Central Peru, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of Yemen, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of the Zagros range, Iran, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of the northeastern Venezuela, 1995	Seismotectonic Specialist
• Development of software for semi-probabilistic seismic hazard evaluation, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of western France, 1995	Seismotectonic Specialist
• Seismotectonic diagnosis of eastern France, 1995	Seismotectonic Specialist
• Seismotectonic analysis of Ethiopian Rift, 1996	Seismotectonic Specialist
• Seismotectonic diagnosis of western France, 1995	Seismotectonic Specialist
• Seismotectonic analysis of the Song Ca fault, Vietnam, 1996-1997	Seismotectonic Specialist
• Seismotectonic diagnosis of southern France,1996-1997	Seismotectonic Specialist
• Seismotectonic diagnosis of Central Thailand,1997	Seismotectonic Expert
• Seismotectonic diagnosis of Congo basin, 1997	Seismotectonic Expert
• Identification and characterization of active faulting in France, 1997-1998	Research Engineer
• Seismotectonic diagnosis of the Eastern Cordillera, Central Peru, 1998	Seismotectonic Expert
• Seismotectonic diagnosis of the Andean Frontal Thrusts, Mendoza, Argentina, 1998-2000	Seismotectonic Expert
• Seismotectonic diagnosis of the western Burman Ranges, Myanmar, 1998	Seismotectonic Expert
• Seismotectonic diagnosis of the western Indian coast, Bombay, India, 1998	Seismotectonic Expert
Seismotectonic analysis of NE France, France, 1998	Seismotectonic Expert
Seismotectonic diagnosis of the Jordan Valley Fault, Jordan, 1998-1999	Seismotectonic Expert
Seismotectonic diagnosis of the Iranian Zagros, Iran, 2000-2004	Seismotectonic Expert
Seismotectonic diagnosis of Northern and Eastern, Turkey, 2000	Seismotectonic Expert
Seismotectonic diagnosis of the Ethiopian central rift, Ethiopia, 2000	Seismotectonic Expert

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Seismotectonic fondamental research in the Upper Rhine Graben, France-Germany, Swiss, 1999-2003	Seismotectonic Expert
Seismotectonic fondamental research in high Atlas, Morocco, 2001-2002	Seismotectonic Expert
Seismotectonic diagnosis of the Marches, Italy, 2002	Seismotectonic Expert
Seismotectonic diagnosis of the Vienna Basin, Austria, 2002	Seismotectonic Expert
Seismotectonic diagnosis of Northern Caribbean Boundary, Guatemala, 2002	Seismotectonic Expert
Seismotectonic diagnosis of Panama, 2002	Seismotectonic Expert
Seismotectonic diagnosis of the Iranian Zagros, Iran, 2000-2004	Seismotectonic Expert
Seismotectonic diagnosis of Dezful Embayment, Iran 2003-2005	Seismotectonic Expert
Post-seismic mission in Bam, Iran, 2004	Seismotectonic Expert
Seismotectonic diagnosis of El Salvador, 2004	Seismotectonic Expert
Seismotectonic diagnosis of Algeria, 2004-2005	Seismotectonic Expert
Seismotectonic diagnosis of Alger region, Algeria, 2005	Seismotectonic Expert
Seismotectonic diagnosis of Central Ecuador, Ecuador, 2005	Seismotectonic Expert

Dams and Catchment Schemes :

• BERKE dam, Turkey, 1990-1992	Geologist
• WHITE VOLTA dam, Ghana, 1990-1992	Geologist
• MIKKES and TOUAHAR dams, Morocco, 1991	Seismic Risk Specialist
• TAGOLOAN dam, the Philippines, 1991	Seismic Risk Specialist
• DUL HASTI dam, India, 1991-1993	Seismic Risk Specialist
• VEURDRE dam, France, 1992-1993	Geologist
• JATILUHUR dam, Java, 1992	Seismic Risk Specialist
• OLHADOKO dam, France, 1993	Geologist
• VIMENET Dam, France, 1993	Geologist
• HOA BINH dam, Viet Nam, 1993	Seismic Risk Specialist
• ESCH-SUR-SURE dam, Luxemburg, 1993	Seismic Risk Specialist
• CARCES dam, France, 1993	Seismic Risk Specialist
• BOUSSUIVRE dam, France, 1993	Geologist
• SAINT-CALAIS DU DESERT dam, France, 1994	Geologist
• TUNESIAN DAMS, Tunisia, 1994	Seismic Risk Specialist
• MERVENT dam, France, 1994	Seismic Risk Specialist
• ARMENIAM dams, Armenia, 1994	Seismic Risk Specialist
• SOUTHERN GHANA dams, Ghana, 1994	Seismic Risk Specialist
• MAE SUAI dam, Thaïland, 1994	Seismic Risk Specialist
• BIRECIK dam, Turkey, 1994-1995	Seismic Risk Specialist
• ABELMOUMEN dam, Morocco, 1995	Seismic Risk Specialist
• ALLAI KHWAR dam, Pakistan, 1995	Seismic Risk Specialist
• TICHI HAF dam, Algeria, 1995	Structural Geologist
• CHAMPAGNEY dam, France, 1995	Seismic Risk Specialist
• VERDON dam, France, 1995	Seismic Risk Specialist
• SALAGOU and OLIVETTES dams, France, 1996	Seismic Risk Specialist
• TEKEZE, GOJEB and TIS ABAY dam, Ethiopia, 1996	Seismic Risk Specialist
• Ste CECILE d'AND. and SENECHAS dams, France, 1996	Seismic Risk Specialist
• BAN MAI dam, Vietnam, 1996-1997	Seismic Risk Expert
• THA DAN dam, Thailand, 1997	Seismic Risk Expert

• MONTBEL dam, France, 1997	Seismic Risk Expert
• RASSISSE dam, France, 1997	Seismic Risk Expert
• CHIMAY dam, Peru, 1998	Seismic Risk Expert
• POTRERILLOS dam, Argentina, 1998-1999	Seismic Risk Expert
• WALLA dam, Jordan, 1998-1999	Seismic Risk Expert
KARUN 4 dam, Iran, 2000	Seismic Risk Expert
CHABROUGH dam, Lebanon, 2000	Seismic Risk Expert
BOYABAT dam, Turkey, 2000	Seismic Risk Expert
GAFARZA dam, Ethiopia, 2000	Seismic Risk Expert
PEMBELIK dam, Turkey, 2000	Seismic Risk Expert
ZIATINE dam, Tunisia, 2001	Seismic Risk Expert
BAKTHIARY dam, Iran, 2001	Seismic Risk Expert
POLOCHIC dam, Guatemala, 2002	Seismic Risk Expert
TOABRE dam, Panama, 2002	Seismic Risk Expert
GOTVAND dam, Iran, 2003	Seismic Risk Expert
LANDISAQ dam, France, 2003	Seismic Risk Expert
SEYMAREH dam, Iran, 2004-2005	Seismic Risk Expert
El CIMARRON dam, El Salvador, 2004	Seismic Risk Expert
FOUM EL GUEISS dam, Algeria, 2004	Seismic Risk Expert
BABAR dam, Algeria, 2005	Seismic Risk Expert
CHEFFIA dam, Algeria, 2005	Seismic Risk Expert
GHERZA dam, Algeria, 2005	Seismic Risk Expert
GHRIB dam, Algeria, 2005	Seismic Risk Expert
ZARDEZAS dam, Algeria, 2005	Seismic Risk Expert
KOUDIAT dam, Algeria, 2005	Seismic Risk Expert
MAZAR dam, Ecuador, 2005	Seismic Risk Expert
...**BEHESTABAT dam, Iran, 2005**	Seismic Risk Expert

<u>Oil and Gaz Field Development, Pipelines, Off-Shore Cables, Locks and Tunnels</u> :

• YADANA field, Myanmar, 1994	Seismic Risk Specialist
• YADANA-ONBINGWIN pipelines, Myanmar, 1994	Seismic Risk Specialist
• JOSE Chemical Complex, Venezuela, 1994-1995	Seismic Risk Specialist
• YETAGUN Field, Myanmar, 1995	Seismic Risk Specialist
• YETAGUN-TAVOY Pipelines, Myanmar, 1995	Seismic Risk Specialist
• AQABA Gulf cable crossing, Jordan-Egypt, 1995	Seismic Risk Specialist
• VILLAVICENCIO tunnels, Colombia, 1995	Seismic Risk Specialist
• TUNU field, Eastern Kalimantan, 1995	Seismic Risk Specialist
• YEMEN field and pipelines, Yémen, 1995	Seismic Risk Specialist
• SIRRI field, Iran, 1995	Seismic Risk Specialist
• YEMEN LNG, Yemen, 1995	Seismic Risk Specialist
• ESPADARTE-VALEIRA field, Angola, 1997	Seismic Risk Expert
• SOUTH PARS gas field (onshore & offshore facilities), Iran, 1997-1998	Seismic Risk Expert
• 3IN1 Pipeline (onshore & offshore route), Myanmar, 1998	Seismic Risk Expert
TROMBLAY LNG, India 1998	Seismic Risk Expert
• NORTH-EAST MARCHES, Gaz de France Pipeline, France, 1998	Seismic Risk Expert
• POST-PANAMAX LOCKS, Panama, 2002-2005	Seismic Risk Expert
BEHESTABAT-ZAYANDEHRUD Tunnel, Iran, 2005	Seismic Risk Expert

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INSTITUTIONAL REPRESENTATION:

Coordinator of the Research program of BRGM on Seismotectonics, 2001-2003

Co-coordinator of the GéoFrance 3D national french research program, 1998-2000

Task Leader of a European Research Programs (SAFE, ENTEC, EUCOR-URGENT), 1998-2003

Member of the Scientific Board of the French Office of Seismology for the Research Ministry, 1998-2000

Member of the French Association of Earthquake Engineering (AFPS) and of the French Committee of Engineering Geology (CFGI)

Reviewer for Tectonophysics, Earth and Planetary Science Letters, Geotechnical and Geological Engineering, Engineering Geology, Geological French Society Bulletin, Quaternary Research Sciences, ….

RELEVANT PUBLICATIONS :

Brüstle.A., Nivière.B., Bertrand.G., Gourry.J.C., Carretier.S., Fracassi.U., Winter.T. (2003) Evidences of pleistocene tectonic deformations along the se border of the upper Rhine graben (Freiburg area, Germany)., in EGS - AGU - EUG joint Assembly - Nice - France - 06-11/04/2003 [Paru]

Carretier.S., Nivière.B., Winter.T. (2003) Geomorphological transient signature of a ramp activation in a low relif and temperate climatic context: example of the Sundgau, Upper Rhin Graben, Fance., in EGS - AGU - EUG joint Assembly - Nice - France - 06-11/04/2003 [Paru]

Fracassi.U., Nivière.B., Winter.T. (2003) First appraisal to define potential seismogenic sources from macroseismic fields in southern upper Rhine graben, W France., in EGS - AGU - EUG joint Assembly - Nice - France - 06-11/04/2003 [Paru]

Innocent.C., Nivière.B., Winter.T., Lemeille.F. (2003) Potentialities and limitations of U-Th dating of continental carbonates: shells and concretions from the french Rhône Valley (Alsace)., in EGS - AGU - EUG joint Assembly - Nice - France - 06-11/04/2003 [Paru]

Sabourault.P., Winter.T., Lambert.J., Nicolas.M. (2003) Revisiting the 1356 basel earthquake : new constraints on eismogenic source derived from historical damages and site effect ponderation., in EGS - AGU - EUG joint Assembly - Nice - France - 06-11/04/2003 [Paru]

Sebrier.M., Atakan.K., Camelbeeck.T., Valensise.G., Winter.T. (2003) Active faulting in low-to moderate seismicity regions : the safe european project., in EGS - AGU - EUG joint Assembly - Nice - France - 06-11/04/2003 [Paru]

Innocent.C., Nivière.B., Winter.T., Lemeille.F., Cushing.P. (2002) U-Th dating of Quaternary formations in a seismically active area: an example the French Rhone Valley (Alsace)., in EGS 26th - European Geophysical Society - Nice - France - 25-30/03/2001 [Paru]

Sebrier.M., Siame.L., Winter.T., Nivière.B., Morel.J.L., Zouine.E., El.Mouraouah.A., Lebatard.A.E. (2002) Compressive deformation in low-seismicity region: the western high Atlas Morocco., Environnement et Gestion des sols [Soumis]

Moreno.B., Atakan.K., Sebrier.M., Gianluca.V., Camelbeeck.T., Winter.T. (2002) Safe-T: a software tool for diagnosing slow active faults in Europe., in European Seismological Commission - Genova - Italy - 01-06/09/2002 [Paru]

Nivière.B., Winter.T., Giamboni.M. (2000) Kinematic evolution of a tectonic wedge above a flat-lying decollement: the Alpine foreland at the interface between Jura mountains (N Alps) and south of the Upper Rhine Graben., Geology [Soumis].

Giamboni.M., Wetzel.A., Nivière.B., Winter.T. (2001) The Rhine river capture in the southern upper Rhine graben during plio-pleistocene: local folding versus regional subsidence., in Stephan Mueller topical conference of the European Geophysical Society - Quantiative neotectonics and seismic hazard assesment: new intergrated approaches for environmental management - Balatonfüred - Hongrie - 22-26/09/2001 [Paru]

Nivière.B., Winter.T. (2001) On going kinematic develoment of a tectonic wedge: the northem Juara front a south of the upper Rhine graben., in Environmental management. Quantitative neotectonics and seismic hazard assessment - 22-26/09/2001 - Balatonfüred - Hungary - 22/01/1998, P. 45-46 [Paru]

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Nivière.B., Winter.T. (2001) Topography affected by an going slow tectonic activity in the upper Rhine graben, France., in Eucor urgent workshop - 2nd - Mont Saint Odile - Strasbourg - France - 07-11/10/2001 [Paru]

Nivière.B., Winter.T. (2001) Coupling of high resolution electromagnetic and electrical methods for slow active fault detection in temperate environment (Southern Rhine Graben, France)., in Stephan Mueller topical conference of the European Geophysical Society - Quantiative neotectonics and seismic hazard assesment: new intergrated approaches for environmental management - Balatonfüred - Hongrie - 22-26/09/2001 [Paru]

Nivière.B., Winter.T. (2001) Pleistocene northward fold propagation of Jura within the southern Upper Rhine Graben: rates estimates., in ENTEC Workshop - Amesterdam - Pays-Bas - 04/2001 [Paru]

Nivière.B., Winter.T. (2001) Mechanisms and rate estimates of a tectonic wedge accretion: the example of the Southern Upper Rhine graben (France)., in Stephan Mueller topical conference of the European Geophysical Society - Quantiative neotectonics and seismic hazard assesment: new intergrated approaches for environmental management - Balatonfüred - Hongrie - 22-26/09/2001 [Paru]

Siame.L., Bellier.O., Bourlès.D.L., Braucher.R., Baroux.E., Beaudouin.T., Cushing.M., Winter.T., Raisbeck.G.M., Yiou.F. (2001) Active tectonics and cosmic ray exposure dating: arid, temperate and tropical environments., in Journées prospectives Spectrométrie de Masse par Accélérateur [Soumis]

Siame.L., Bellier.O., Boulès.D., Braucher.R., Baroux.E., Beaudouin.T., Cushing.T., Winter.T., Raisbeck.G.M., Yiou.F. (2001) Active tectonics and cosmic ray exposure dating: arid, temperate and tropical environments., in Journées prospectives Spectrométrie de masse par accélérateur - 26-27/11/2001 [Paru]

Nivière.B., Winter.T. (2000) Pleistocene northward fold propagation of Jura within the southern Upper Rhine Graben. Seismotectonic implications., Global and Planetary Changes, Vol. 27, n° 1-4, p. 263-288 [Paru]

Nivière.B., Winter.T. (2000) Northwards fold propagation of the Jura within the southern Upper Rhine graben. Seismotectonic consequences., in Eucor-urgent annual scientific workshop - 1est - Fachschaftshaus am Schauinsland - University of Freiburg i. Br. - Germany - 10-13/07/2000, Global and Planetary Changes, N° 27, p. 263-288 [Paru]

Nivière.B., Winter.T. (2000) Pleistocene Northward Fold Propagation of Jura within the Southern Upper Rhine Graben. Seismotectonic implication., in AGU - San Francisco - USA - 15-19/12/2000, F1167, Vol. 81, n° 48 [Paru]

Nivière.B., Winter.T. (2000) Pleistocene Northward Fold Propagation of Jura within the Southern upper Rhine Graben. Seismotectonic Implications., in Eucor-urgent annual scientific workshop - 1est - Fachschaftshaus am Schauinsland - University of Freiburg i. Br. - Germany - 10-13/07/2000 [Paru]

Nivière.B., Winter.T., Giamboni.M. (2000) Geomorphic response to a tectonic forcing in a slowly erosive environment (Southern Upper Rhine graben)., in EGS 25th - European Geophysical Society - Nice - France - 25-29/04/2000, Annales Geophysicae, Suppl. 1 to vol. 16 [Paru]

Nivière.B., Winter.T., Giamboni.M. (2000) Propagation pléistocène des plis du Jura au sud du fossé rhénan supérieur, implications sismotectoniques., in RST 2000 - 18ème Réunion Annuelle des Sciences de la Terre - Paris - France - 17-20/04/2000, p. 204 [Paru]

Lenotre.N., Winter.T. (1999) Quaternary deposits (terraces of the Seille river, Jura, France) as recorders of glacial rebound and tectonics., in EUG 10 - European Union of Geosciences - Strasbourg - France - 28/03-01/04/1999 [Paru]

Winter.T., Nivière.B. (1999) On going propagation of the Jura fold belt to Mulhouse., in GéoFrance 3D - résultats et perspectives - ENS - Lyon - France - 23-24/11/1999, Documents BRGM, Orléans : Editions BRGM, N° 293, p.125-128 [Paru]

Gourry.J.C., Guérin.R., Albouy L., Winter.T. (1998) Alluvial terraces geometry in French Jura estimated from DC electric and TDEM measurements., in EEGS 4th - Environmental and Engineering Geophysical Society - European Section - Barcelona - Spain - 14-17/09/1998, p. 639-642 [Paru]

Lavenu A., Noblet C. & Winter Th., 1994. Neogene on-going tectonics in Southern Ecuadorian Andes, analysis of the evolution of the stress field. J. Struct. Geol., 17, 1, 47-58.

Lavenu A., Winter Th. & Davilla F., 1994. Recent to Present tectonic evolution of the Ecuadorian Andes: a Plio-Quaternary compressional basin in the Interandean Depression. Geophys. J. Int., 121, 279-300.

Winter Th., Tapponnier P. & Armijo R., 1994. On the merits of a deterministic approach to seismic risk for dam design. Proceedings of the 7th Congress of the International Association of Engineering Geology, Lisboa, September, V.3, 2007-2016.

Winter Th., Binquet J., Szendroi A., Colombet G., Armijo R. & Tapponnier P. 1994. From plate tectonics to the design of the Dul Hasti hydroelectric project in Kashmir (India). Engineering Geol., 36, 211-241.

Marocco R., Egüez A., Lavenu A., Noblet C., Baudino R. & Winter Th., 1994. Las cuencas intramontanosas neogenas del Ecuador. Dans "Presencia de la ORSTOM en Ecuador". Ed. ORSTOM.

Phan Trong T., Nguyen Trong Y., Nguyen H., Lacassin R., Tapponnier P., Leloup H. & Winter Th., 1994. Active faulting and tectonics of North Vietnam. International Workshop on Seismic Hazard in SE Asia, Hanoi, Vietnam.

Winter Th., Phan Trong T., Lacassin R., Nguyen Trong Y. & Costaz J., 1994. Advantages of a deterministic approach of seismic risk for dam design: the Hoa Binh Dam case (Vietnam). Proceedings of the International Workshop on Seismic Hazard in SE Asia, Hanoi, Vietnam, 249-254.

Winter Th., Avouac J.P. & Lavenu A., 1993. Late Quaternary kinematics of the Pallatanga strike-slip fault (Central Ecuador) from topographic measurements of displaced morphologic features. Geophys. J. Int., 115, 905-920.

Winter Th., Avouac J.P. & Lavenu A., 1993. Holocene kinematics of the Pallatanga strike-slip fault (Central Ecuador) from topographic measurements of displaced morphologic features. Workshop "Mesure de la déformation récente et actuelle", p 48, Chambery, France.

Lavenu A., Ego F., Noblet C. & Winter Th., 1993. Neogene to Present tectonic evolution and stress field in Ecuador. International Symposium Andean Geodynamics, Ed. ORSTOM, p 211, Oxford, United Kingdom.

Marocco R. & Winter Th., 1993. Bosquejo de la evolucion geodinamica del Ecuador. Chapitre 5 de l'ouvrage de Winckell A.: "Paisages Naturales del Ecuador". Geographica Basica del Ecuador, Ed. ORSTOM.

Winter Th. & Tapponnier P., 1991. Extension majeure post-Jurassique et ante-Miocène dans le centre de l'Italie : données microtectoniques. Bull. Soc. Géol. France, 162, 6, 1095-1108.

Briais A., Armijo R., Winter Th., Tapponnier P. & Herbecq, A., 1990. Morphological evidence for Quaternary normal faulting and seismic hazard in Eastern Pyrenees. Annales Tectonicae, IV, 1, 19-42.

Lavenu A., Noblet Ch. & Winter Th., 1990. Neogene stress pattern in Southern Ecuador. Symposium International "Geodinamica Andina", Ed. ORSTOM, p 211, Grenoble, France.

Winter Th., Iglesias R. & Lavenu A., 1990. Presencia de una falla normal activa en el Sur del Ecuador. Bol. Geol. Ecuat., 1, 1, 53-67.

Winter Th., 1990. Mécanismes des déformations récentes dans les Andes Equatoriennes. Thèse de Doctorat, Université de Paris Sud-Orsay.

Lavenu A., Winter Th. & Avouac J.P., 1990. Premiers résultats des études de failles actives dans les Andes de l'Equateur. Symposium International "Geodinamica Andina", Ed. ORSTOM, p 115, Grenoble, France.

Winter Th. & Lavenu A., 1989. Tectonique active en Equateur : Ebauche d'une nouvelle interprétation géodynamique. Bull. Inst. Fr. Et. And., 18, 95-115.

Winter Th. & Lavenu A., 1989. Morphological and microtectonic evidence for a major active right-lateral strike-slip fault across Central Ecuador (South America). Annales Tectonicae, III, 123-139.

Winter Th. & Lavenu A., 1988. Evidencias morfologicas y microtectonicas de una falla de rumbo activa en el centro del Ecuador. 5ème Congrès Equatorien de Géol., Min., Petr. et Scien. Af., Loja, Equateur.

Tapponnier P., Tortoricci L. & Winter Th., 1986. Faulting during the 1783, Southern Calabria earthquakes and active tectonics of the Messina strait region. E.O.S., 67, 44, P12A10.