

LIST OF PUBLICATIONS
J.P. GIROUD

361 PUBLICATIONS FROM 1963 THROUGH 2004

- 63-1 Giroud, J.P., 1963, "Etude statique en plasticité parfaite a deux dimensions, d'un massif semi-infini de sol stratifié non pesant, limite par des plans supportant une charge uniforme", Thèse de Doctorat de Spécialité, Faculté des Sciences, Université de Grenoble.
- 64-1 Biarez, J. et Giroud, J.P., 1964, "Equilibre limite d'un massif de sol stratifié", *Comptes-Rendus a l'Académie des Sciences*, 259, gr. 2, (16.11.1964), pp. 3437-3440. (in French)
- 68-1 Giroud, J.P., 1968, "Tassement de la surface d'un massif élastique semi-infini supportant une charge tangentielle linéairement répartie sur une aire rectangulaire", *Comptes-Rendus a l'Académie des Sciences*, 266, série A, (11.3.1968), pp. 588-590. (in French)
- 68-2 Giroud, J.P., 1968, "Fleche de la surface d'un massif élastique semi-infini sous l'action de contraintes linéairement réparties sur une aire rectangulaire", *Comptes-Rendus a l'Académie des Sciences*, 266, serie A, (10.6.1968), pp. 1173-1176. (in French)
- 68-3 Giroud, J.P., 1968, "Settlement of an Embankment Resting on a Semi-Infinite Elastic Soil", *Highway Research Record*, 233, Juillet 1968, pp. 18-35.
- 68-4 Giroud, J.P., 1968, "Settlement of a linearly loaded rectangular area", *Journal of the Soil Mechanics and Foundation Division*, ASCE, 94, SM 4, Proc. Paper 6021, Juillet 1968, pp. 813-831.
- 68-5 Giroud, J.P., 1968, "Effet des surcharges sur les parois verticales", *3e Congres Européen de Mécanique des Sols et Foundations*, Budapest (15 Octobre 1968), 542-548, (Acta Technica Acad. Sci. Hungaricae, 64, 1969), pp. 105-111. (in French)
- 68-6 Giroud, J.P., 1968, "Contraintes provoquées par une force concentrée exercée a la surface du sol", *Le Génie Civil*, 145, 12, Décembre 1968, pp. 682-688. (in French)
- 68-7 Giroud, J.P., 1968, "Calcul rapide des contraintes provoquées dans le sol par un remblai", *Bulletin de Liaison des Laboratoires Routiers*, L.C.P.C., 35, Décembre 1968, pp. 83-88. (in French)
- 68-8 Giroud, J.P., 1968, "Tassement moyen d'un sol elastique supportant une charge tangentielle linéairement répartie", *Comptes-Rendus a l'Académie des Sciences*, 267, serie A, (16.12.1968), pp. 961-964. (in French)
- 69-1 Giroud, J.P., 1969, "Fondation rectangulaire linéairement chargée: Tassement et Contraintes", *Annales de l'I.T.B.T.P.*, SF 70, 253, Janvier 1969, pp. 79-111. (in French)
- 69-2 Giroud, J.P., 1969, "Déplacement horizontal de la surface d'un massif semi-infini supportant une charge tangentielle linéairement répartie sur une aire rectangulaire", *Comptes-Rendus a l'Académie des Sciences*, 268, serie A, (20.1.1969), pp. 191- 193. (in French)
- 69-3 Giroud, J.P., 1969, "Déplacement horizontal d'une droite particulière de la surface d'un massif élastique semi-infini linéairement charge", *Comptes-Rendus a l'Académie des Sciences*, 268, série A, (27.1.1969), pp. 252-255. (in French)
- 69-4 Giroud, J.P., 1969, Estimation rapide du tassement d'une couche de sol compressible - Application aux fondations de remblais routiers", *Revue Générale des Routes et des Aérodomes*, 442, Avril 1969, pp. 73-80. (in French)
- 69-5 Giroud, J.P., 1969, "Déplacements provoques par une force concentrée exercée a la surface du sol", *Le Génie Civil*, 146, 12, Décembre 1969, pp. 631-637. (in French)

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- 69-6 Giroud, J.P., 1969, "La Mécanique des Sols", *Courants*, Revue technique annuelle de l'Institut Polytechnique de Grenoble, 1969, pp. 13-16. (in French)
- 70-1 Giroud, J.P., 1970, "Stresses under linearly loaded rectangular area", *Journal of the Soil Mechanics and Foundations Division*, ASCE, 96, SM 1, Proc. paper 7040, January 1970, pp. 263-268. (in French)
- 70-2 Giroud, J.P., 1970, "Estimation rapide du tassement d'une couche de sol compressible - Vlugge schatting van de zetting van een laag samendrukbare grond", *Excavator*, Janvier 1970, pp. 1-11. (in French and Dutch)
- 70-3 Giroud, J.P. and Runacher, J.M., 1970, "Discussion on Settlement of Building on Deep Compressible Soil", *Journal of the Soil Mechanics and Foundation Division*, ASCE, 96, SM 2, Proc. Paper 7115, March 1970, pp. 768-771.
- 70-4 Giroud, J.P., 1970, "Applications de la théorie de l'élasticité au calcul du tassement des remblais routiers", *Revue Générale des Routes et des Aérodrômes*, 455, Juin 1970, pp. 62-78. (in French)
- 70-5 Giroud, J.P., 1970, "Calcul pratique des contraintes dans un sol supportant une charge de grande longueur", *Construction*, 25, 6, Juin 1970, pp. 221-226. (in French)
- 70-6 Giroud, J.P., 1970, "Calcul rapide du tassement d'un sol supportant un remblai conique ou tronconique", *Le Moniteur des Travaux Publics et du bâtiment*, 4 Juillet 1970, pp. 167-170. (in French)
- 70-7 Giroud, J.P., 1970, "Commentaires sur l'utilisation de l'élasticité pour les projets de fondations", *4e Congres Brésilien de Mécanique des Sols et Fondations*, vol. 1, tome 2, 5, (Guanabara 3/8 Août 1970), pp. 1-9. (in French)
- 70-8 Giroud, J.P., 1970, "Influence de la géométrie de la fondation sur le calcul des tassements", *4e Congres Brésilien de Mécanique des Sols et Fondations*, vol. 1, tome 2, 5, (Guanabara, 3-8 Août 1970), pp. 10-16. (in French)
- 70-9 Giroud, J.P., 1970, "Rozklad naprezen w polprzestrzeni gruntowej od sily skupionej", *Technika igospokarka morska*, vol. 20, 8-9 Aout-Septembre 1970, pp. 402-405. (in Polish)
- 70-10 Giroud, J.P., 1970, "Stabilité d'une fondation de barrage comprenant de fines couches d'argile", *Comptes-Rendus du 2e Congres de la Société Internationale de Mécanique des Roches*, 3, 8-6, Belgrade, Septembre 1970, pp. 441-445. (in French)
- 70-11 Giroud, J.P., Watissee, H. et Rabatel, A., 1970, "Tassements et contraintes dans une couche de sol élastique supportant une charge uniformément répartie", *Bulletin de liaison des Laboratoires Routiers*, LCPC, 48, Novembre 1970, pp. 97-124. (in French)
- 70-12 Giroud, J.P., 1970, "Discussion on Guide for Depth of Foundation Exploration", *Journal of the Soil Mechanics and Foundations Division*, ASCE, 96, SM 6, November 1970, pp. 2140- 2143.
- 70-13 Giroud, J.P. and Stutz, P., 1970, "Discussion on Bearing Capacity of Footings on Sand", *Journal of the Soil Mechanics Division*, ASCE, 96, SM 6, November 1970, pp. 2148-2151.
- 70-14 Giroud, J.P., 1970, "Discussion on Settlement Problem Oriented Computer Language", *Journal of the Soil Mechanics and Foundations Division*, ASCE, 96, SM 6, November 1970, pp. 2160- 2162.
- 71-1 Giroud, J.P. and Rabatel, A., 1971, "Settlement of embankment on layer of soil", *Journal of the Soil Mechanics and Foundations Division*, ASCE, 97, SM 1, January 1971, pp. 287- 293.
- 71-2 Giroud, J.P., 1971, "Déformations provoquées par une force concentrée exercée a la surface du sol", *Le Génie Civil*, 148, 2, Fevrier 1971, pp. 87-94. (in French)
- 71-3 Giroud, J.P., 1971, "Contraintes exercées sur le sol par un remblai. Résultats fournis par la théorie de l'élasticité", *Revue Générale des Routes et des Aérodrômes*, 463, Mars 1971, pp. 97-102. (in French)

- 71-4 Boehler, J.P. and Giroud, J.P., 1971, "Measurement of soils anisotropy", *Ninth Annual Symposium on Engineering Geology and Soils Engineering*, Boise, Idaho, April 1971, pp. 175-187.
- 71-5 Giroud, J.P., 1971, "Discussion on Effect of Particle Characteristics on Soil Strength", *Journal of the Soil Mechanics and Foundation Division*, ASCE, 97, SM 4, April 1971, pp. 693-694.
- 71-6 Giroud, J.P., 1971, "Effet des surcharges sur les parois verticales - Invloed van de bovenbelastingen op verticale wanden", *Excavator*, Avril 1971, pp. 48-54. (in French and Dutch)
- 71-7 Giroud, J.P., 1971, "Tassement d'une couche d'épaisseur finie de sol élastique sous l'effet de charges appliquées a sa surface", *Revue Roumaine des Sciences Techniques, Mécanique Appliquée*, 16, 3, Bucarest, 1971, pp. 607-610. (in French)
- 71-8 Giroud, J.P., 1971, "Discussion on Analysis of Circular Footings on Layered Soils", *Journal of the Soil Mechanics and Foundations Division*, ASCE, 97, SM 5, May 1971, p. 806.
- 71-9 Giroud, J.P. et Bescond, B., 1971, "Etude expérimentale de la résistance de butée a l'avant d'un véhicule tous terrains", *Journées Françaises de Mécanique des Sols*, Paris, 17- 19 Mai 1971. (in French)
- 71-10 Tran-Vo-Nhiem et Giroud, J. P., 1971, "Stabilité d'une fondation établie sur une pente", *Journées Françaises de Mécanique des Sols*, Paris, 17-19 Mai 1971. (in French)
- 71-11 Giroud, J.P., Bescond, B., et Biguenet, G., 1971, "Etude d'un appareil pour réduire la résistance a l'avancement d'un véhicule enlise", *Le Genie Civil*, 148, 5, Mai 1971, pp. 279-288. (in French)
- 71-12 Giroud, J.P., 1971, "Calcul rapide des contraintes provoquées dans le sol par un remblai - Vlugge berekening van de door een aanvulling in de ondergrond veroorzaakte drukken", *Excavator*, Mai 1971, pp. 49-57. (in French and Dutch)
- 71-13 Giroud, J.P., 1971, "Tassement d'un remblai reposant sur un massif semi-infini de sol élastique -letting van een aanvulling op een half-oneindig elastisch massief", *Excavator*, Juin 1971, pp. 32-46. (in French and Dutch)
- 71-14 Giroud, J.P. et Tran-Vo-Nhiem, 1971, "Force portante d'une fondation sur une pente", *Annales de l'ITBTP*, 283-284, TMC 142, Juillet-Aout 1971, pp. 129-180.
- 71-15 Giroud, J.P., 1971, "Une méthode de détermination rapide du tassement d'une couche de sol compressible supportant une charge quelconque", *Le Moniteur des Travaux Publics et du Bâtiment*, 14 Août 1971, pp. 129-133. (in French)
- 71-16 Belot, A. Biguenet, G., et Giroud, J.P., 1971, "Tassements d'immeubles fondés sur radiers reposant sur des sols formes de plusieurs couches", *Symposium Franco-Polonais sur les Problèmes de Rhéologie*, Varsovie - Jablonna, 14-18 Septembre 1971. (in French)
- 71-17 Giroud, J.P., 1971, "Tassement d'une fondation circulaire sur une couche de sol compressible", *Annales des Ponts et Chaussées*, 3, pp. 123-156. (in French)
- 71-18 Giroud, J.P., 1971, "Commentaires sur l'utilisation de l'elasticite pour les projets de fondations", *La Technique des Travaux*, 331, Septembre-Octobre 1971, pp. 264-266. (in French)
- 71-19 Giroud, J.P., 1971, "Tassement d'une couche de sol supportant une fondation rectangulaire uniformément chargée", *La Technique des Travaux*, 331, Septembre-Octobre 1971, pp. 274-285. (in French)
- 71-20 Giroud, J.P., 1971, "Tassements et contraintes provoquées dans le sol par une fondation elliptique", *Archiwum Hydrotechniki*, 18, 4, Gdansk, 1971, pp. 517-531. (in French)
- 71-21 Boehler, J.P., Giroud, J.P., and Obin, J.P., 1971, "Discussion on the Bearing Capacity of Footings on Anisotropic Soils", *Journal of the Soil Mechanics and Foundation Division*, ASCE, 97, SM 10, October 1971, pp. 1493-1497.

- 71-22 Giroud, J.P., 1971, "Bearing capacity of footings on a stratified soil", *Proceedings, Fourth Conference on Soil Mechanics*, Budapest, 12-15 October 1971, pp. 441-448.
- 71-23 Giroud, J.P., 1971, "Tassement d'une semelle filante sur une couche de sol compressible", *La Technique des Travaux*, 332, Novembre-Décembre 1971, pp. 339-343. (in French)
- 71-24 Giroud, J.P., 1971, "Calcul pratique des contraintes dans un sol supportant une charge de grande longueur - Praktische berekening van de spanningen in eeb terrein waarop een belasting met grote lengte rust", *Excavator*, Décembre 1971, pp. 33-44. (in French and Dutch)
- 71-25 Giroud, J.P., 1971, "Tassement de la surface d'un massif semi-infini supportant une charge annulaire", *Revue Roumaine des Sciences Techniques, Mécaniques Appliquée*, 16, 4, Bucarest 1971, pp. 867-873. (in French)
- 72-1 Giroud, J.P., 1972, "Settlement of rectangular foundation on soil layer", *Journal of the Soil Mechanics and Foundations Division*, ASCE, 98, SM 1, January 1972, pp. 149-154.
- 72-2 Giroud, J.P., 1972, "Influence de la géométrie de la fondation sur le calcul des tassements", *La Technique des Travaux*, 333, Janvier-Février 1972, pp. 25-26. (in French)
- 72-3 Giroud, J.P., 1972, "Diverses mesures de la forme des granulats - 1 Forme globale", *Revue Générale des Routes et des Aérodomes*, 478, Juillet-Aout 1972, pp. 51-57.
- 72-4 Giroud, J.P., 1972, "Diverses mesures de la forme des granulats - 2 Angularité", *Revue Générale des Routes et des Aérodomes*, 480, Octobre 1972, pp. 79-86. (in French)
- 72-5 Giroud, J.P. and Wattisee, H., 1972, "Stresses due to an embankment resting on a finite layer of soil", *Proceedings Sixth Australian Road Research Board Conference*, 6, 4, Paper No. 847, Canberra, August 1972, pp. 14-18.
- 72-6 Giroud, J.P., 1972, "Application de la théorie de l'élasticité au calcul du tassement des remblais routiers - Toepassing van de elasticiteitsterioe op de berekening van de zetting van wegophogingen", *Excavator*, Septembre 1972, pp. 37-52. (in French and Dutch)
- 72-7 Giroud, J.P. et Bottero, A., 1972, "Influence des propriétés physico-chimiques des argiles monominérales sur leur comportement mécanique", *Bulletin de Liaison du Laboratoire des Ponts et Chaussées*, 62, 1204, Novembre-Décembre 1972, pp. 105-116. (in French)
- 72-8 Giroud, J.P., 1972, "Tassement d'une fondation rectangulaire sur une couche de sol compressible", *La Technique des Travaux*, 338, Novembre-Décembre 1972, pp. 370-379. (in French)
- 72-9 Giroud, J.P., 1972, "*Tables pour le calcul des fondations*", Vol. 1: Tassements, Dunod, Paris, France, 1972, 383 p. (in French)
- 73-1 Giroud, J.P., 1973, "*Tables pour le calcul des fondations*", Vol. 2: Tassements, Dunod, Paris, France, 522 p. (in French)
- 73-2 Giroud, J.P., Tran-Vo-Nhiem et Obin, J.P. 1973, "*Tables pour le calcul des fondations*", Volume 3: Force portante, Dunod, Paris, 470 p. (in French)
- 73-3 Giroud, J.P., 1973, "Contraintes exercées sur le sol par un remblai. Résultats fournis par la théorie de la plasticité", *Revue Generale des Routes et des Aérodomes*, 484, Février 1973, pp. 63-69. (in French)
- 73-4 Comite Français des Grands Barrages (avec participation de J.P. Giroud), 1973, "Revêtement en matériaux nouveaux, état des recherches et premières réalisations françaises", *Comptes-Rendus du 11eme Congres International des Grands Barrages*, Vol. 3, Q 42, R 27, Madrid, Juin 1973, pp. 457-476. (in French)
- 73-5 Huot, P. et Giroud, J.P., 1973, "Perméabilité à l'eau de la feuille de butyl", *Comptes-Rendus du 11eme Congres International des Grands Barrages*, Vol. 5, Q 42, Madrid, Juin 1973, pp. 556-558. (in French)

- 73-6 Huot, P. et Giroud, J.P., 1973, "Position du dispositif d'etancheite", *Comptes-Rendus du 11eme Congres International des Grands Barrages*, Vol. 5, Q 42, Madrid, Juin 1973, pp. 558-562. (in French)
- 73-7 Giroud, J.P., 1973, "Correction du tassement calcule a l'aide de la methode oedometrique", *8eme Congres International de Mecanique des Sols et Fondations*, 4.2, Moscou, Août 1973, p. 59.
- 73-8 Giroud, J.P. et Garnier, J. 1973, "Calcul de la rotation des contreforts de barrages en beton sur sol non rocheux", *8eme Congres International de Mecanique des Sols et Fondations*, 4.3, Moscou, Aout 1973, p. 212. (in French)
- 73-9 Giroud, J.P., 1973, "Une methode de determination rapide du tassement d'une couche de sol compressible supportant une charge quelconque - Een vlugge metode om de zetting te bepalen van een samendrukbare grondlaag onder een willekeurige belasting", *Excavator*, Septembre 1973, pp. 16-24. (in French and Dutch)
- 73-10 Giroud, J.P., 1973, "Comment améliorer les terrains impropres a la construction", *Expomat- Actualités*, 40, Septembre 1973, pp. 13-40. (in French)
- 73-11 Giroud, J.P., Watissee, R., et Rabatel, A., 1973, "Tassements et contraintes dans une couche de sol élastique supportant une charge uniformément répartie - Zettingen en spanningen in een gelijkmatig belast elastisch terrain", *Excavator*, Octobre 1973, pp. 1-24. (in French)
- 73-12 Giroud, J.P., 1973, "L'etancheite des retenues d'eau par feuilles déroulées", *Annales de l'ITBTP*, 312, TP 161, Decembre 1973, pp. 94-112. (in French)
- 74-1 Giroud, J.P., 1974, "*Calcul du tassement des fondations superficielles*", Thèse de Doctorat es Sciences, Universite de Grenoble, 717 p. (in French)
- 74-2 Giroud, J.P., 1974, "Tassement d'une fondation circulaire sur une couche de sol compressible - zetting van een cirkelvormige fundering op een samendrukbare grondlaag", *Excavator*, Mars 1974, pp. 31-60. (in French and Dutch)
- 74-3 Huot, P. et Giroud, J.P., 1974, "L'utilisation des élastomères et des plastiques pour l'etancheite des stockages en terre - Application a la lutte contre la pollution", *Revue Générale des Caoutchoucs et Plastiques*, 51, 5, 542, Juin 1974, pp. 426-428. (in French)
- 74-4 Giroud, J.P. et Rybak, C., 1974, "Interaction de fondations voisines", *Symposium Franco-Polonais de Rhéologie et Mécanique des Sols*, Nice, Juillet 1974, pp. 165-178. (in French)
- 74-5 Giroud, J.P., 1974, "Stresses caused by a concentrated force directed on the earth's surface", *Marine Engineering*, Warsaw, pp. 187-198.
- 75-1 Giroud, J.P., 1975, "Exemples pratiques d'utilisation du Bidim dans les ouvrages routiers", *Revue Générale des Routes et des Aéroports*, 505, Janvier 1975, pp. 23-27. (in French)
- 75-2 Giroud, J.P. et Tran-Vo-Nheim, 1975, "Force portante d'une fondation sur une pente - Draagvermogen van een fundering op een helling", *Excavator*, Fevrier 1975, 7-37, Mars 1975, pp. 1-29. (in French)
- 75-3 Giroud, J.P., 1975, "*Tassement et Stabilité des fondations superficielles*", Tome 1, Presses Universitaires de Grenoble, 1975, 720 p. (in French)
- 75-4 Cordary, D. et Giroud, J.P., 1975, "Comparaison des méthodes de calcul du tassement", *First Baltic Conference on Soil Mechanics and Foundation Engineering*, Gdansk, Septembre 1975, 2, 11, pp. 452-461. (in French)
- 75-5 Giroud, J.P., Jazouli, A., et Obin, J. P., 1975, "Largeur optimale des fondations sur sol bicouche", *First Baltic Conference on Soil Mechanics and Foundation Engineering*, Gdansk, Septembre 1975, pp. 2, 11, 516-526. (in French)
- 75-6 Giroud, J.P. et Cordary, D., 1975, "Estimation et correction des approximations classiques du calcul du tassement des fondations superficielles", *Annales de l'Institut Technique du Bâtiment et des Travaux Publics*, 333, SP 123, Novembre 1975, pp. 105-131. (in French)

- 75-7 Giroud, J.P. et Caniard, L. 1975, "Gel et dégel des chaussées", *Bulletin de Liaison des Ponts et Chaussées*, 80, Novembre-December 1975, pp. 134-135. (in French)
- 76-1 Giroud, J.P. et Cordary, D., 1976, "Prevision du tassement initial et du tassement différé des fondations superficielles", *Annales de l'Institut Technique du Bâtiment et des Travaux Publics*, 135, SP 127, Janvier 1976, pp. 105-135. (in French)
- 76-2 Belot, A., Biguenet, G., et Giroud, J.P., 1976, "Tassement d'immeubles fondes sur radiers reposant sur des sols formes de plusieurs couches - De zetting van gebouwen met fundeerplaat, op een terrein bestaande uit meerdere lagen", *Excavator*, 391, 3, Mars 1976, pp. 1-22. (in French)
- 76-3 Absi, B., Garnier, J., et Giroud, J.P., 1976, "Contraintes dues a une fondation superficielle rectangulaire et rigide", *Annales de l'ITBTP*, 338, SP 130, Avril 1976, pp. 25-72. (in French)
- 76-4 Giroud, J.P., Jazouli, A., et Obin, J.P., 1976, "Dimensionnement des fondation superficielles sur un sol compose de deux couches", *Annales de l'ITBTP*, 344, SP 134, Novembre 1976, pp. 53-70. (in French)
- 76-5 Giroud, J.P., 1976, "Contraintes exercées sur le sol par un remblai. Résultats fournis par la théorie de l'élasticité. Door een aanvulling op het terrein verwekte spanningen. Resultaten bekomen met behulp van de elasticiteitsleer", *Excavator*, No. 300, 12, Décembre 1976, pp. 25-39. (in French and Dutch)
- 77-1 Giroud, J.P., Gourc, J.P., Bally, P., et Delmas, P., 1977, "Comportement d'un textile non tisse dans un barrage en terre", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Session 6, Paris, Avril 1977, pp. 213-218. (in French)
- 77-2 Auriault, J.L., Cordary, D., Giroud, J.P. et Gourc, J.P., 1977, "Etude théorique du rôle des drains textiles dans la consolidation des remblais", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Session 7, Paris, Avril 1977, pp. 273-278. (in French)
- 77-3 Giroud, J.P. et Perfetti, J., 1977, "Classification des textiles et mesure de leurs propriétés en vue de leur utilisation en geotechnique", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Session 8, Paris, Avril 1977, pp. 345-352. (in French)
- 77-4 Giroud, J.P., 1977, "Commentaire sur la comparaison des armatures métalliques et armatures textiles", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Volume III, Paris, Avril 1977, p. 38. (in French)
- 77-5 Giroud, J.P., 1977, "Conclusions de la session 4", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Volume III, Paris, Avril 1977, pp. 49-50. (in French)
- 77-6 Giroud, J.P., Gourc, J.P., Bally, P., et Delmas, P., 1977, "Commentaires sur le comportement d'un textile non-tisse dans un barrage en terre", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Volume III, Paris, Avril 1977, pp. 68-71. (in French)
- 77-7 Giroud, J.P., 1977, "Commentaires sur la longevite des textiles", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Volume III, Paris, Avril 1977, p. 76.
- 77-8 Auriault, J.L., Cordary, D., Giroud, J.P., et Gourc, J.P., 1977, "Commentaires sur l'étude théorique du rôle des drains textiles dans la consolidation des remblais", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Volume III, Paris, Avril 1977, pp. 85-86, 89. (in French)
- 77-9 Giroud, J.P., 1977, "Commentaires sur l'utilisation des geotextiles et les spécifications", *Proceedings of the International Conference on the Use of Fabrics in Geotechnics*, Volume III, Paris, Avril 1977, p. 111. (in French)
- 77-10 Giroud, J.P. et Huot, P., 1977, "Conception des barrages en terre et en enrochements munis d'étanchéité par feuille mince", *Proceedings of the 11th Conference Européenne de la Commission Internationale de l'Irrigation et du Drainage, CIID*, Theme 3, Rome, Italy, Mai 1977, 8 p. (in French)

- 77-11 Giroud, J.P., Gourc, J.P., et Bally, P., 1977, "Première utilisation d'un textile non tisse dans un barrage en terre en France", *Proceedings of the 11th Conference Européenne de la Commission Internationale de l'Irrigation et du Drainage, CIID*, Thème 3, Rome, Mai 1977, 7 p. (in French)
- 77-12 Giroud, J.P., 1977, "Contraintes exercées sur le sol par un remblai. Résultats fournis par la théorie de la plasticité. Door een ophoging op het terrein veroorzaakte spanningen. Resultaten bekomen met behulp van de plasticiteittheorie", *Excavator*, 405, 6, Juin 1977, pp. 2-23. (in French and Dutch)
- 77-13 Giroud, J.P., 1977, "Conception de l'étanchéité des ouvrages hydrauliques par geomembranes", *Proceedings of the First International Symposium on Plastic and Rubber Waterproofing in Civil Engineering*, Vol. 1, Session 3, Paper 13, Liege, Belgium, Juin 1977, pp. III 13.1-III 13.17. (in French)
- 77-14 Giroud, J.P., 1977, "Discussion sur la conception de l'étanchéité des ouvrages hydrauliques par geomembranes", *Proceedings of the First International Symposium on Plastic and Rubber Waterproofing in Civil Engineering*, Discussions de la Session 3, Liege, Juin 1977, pp. 13.9-13.21. (in French)
- 77-15 Giroud, J.P., 1977, "Les Geotextiles", *Le Moniteur des Travaux Publics et du Batiment*, 51, Paris, 26 Decembre 1977, pp. 61-67. (in French)
- 78-1 Giroud, J.P., 1978, "The Utilization of Geotextiles in Railroads: Theoretical Comments and Practical Experience", Presentation at 57th Meeting of the Transportation Research Board, Washington, D.C., January 1978.
- 78-2 Giroud, J.P., 1978, "Utilisation de geotextiles non-tissés dans les travaux hydrauliques", *Construire*, Casablanca, 14 Janvier 1978, pp. 4-5, 21 Janvier 1978, pp. 6-7, 28 Janvier 1978, p. 5. (in French)
- 78-3 Giroud, J.P., 1978, "Dix années de geotextiles non-tissés. Ten years of nonwoven geotextiles", Conference INDEX 78, Civil Engineering Session, EDANA, Amsterdam, 18-20 Avril 1978, pp. 1A1-1A5. (in French)
- 78-4 Giroud, J.P. et Perfetti, J., 1978, "Essais de traction sur les geotextiles. Analyses et Commentaires", *Convegno Nazionale Tessili e Terreni*, Pomezia, Roma, Avril 1978. (in French)
- 78-5 "Leading world expert discusses geotextiles", Interview by the Editor, *The Civil Engineering Contractor*, Johannesburg, May 1978, pp. 21-25.
- 78-6 Giroud, J.P., 1978, "Recherches françaises sur les fondations superficielles 1969-1976 (Rapport général du colloque Franco-Sovietique de St. Maximin)", *Bulletin de Liaison des laboratoires des Ponts et Chaussées*, 95, 2177, Mai-Juin 1978, pp. 21-30. (in French)
- 78-7 Giroud, J.P., 1978, "Geotextilien", *Schweizerischen Bauzeitung*, Vol. 96, No. 42, 19 October 1978, pp. 785-794. (in German)
- 78-8 Giroud, J.P., 1978, "The Use of Geotextiles in Europe. Past, Present and Future", *Conference IDEA 78, Nonwovens in Civil Engineering*, INDA, Rosemont, IL, USA, October 23-26, 1978, pp. 7.3-7.17.
- 78-9 Giroud, J.P., 1978, "A Review of Geotextiles", *The Civil Engineering Contractor*, Vol. 13, No. 2, Johannesburg, November 1978, pp. 69-81, and Vol. 13, No. 3, Johannesburg, December 1978, pp. 17-20.
- 78-10 Giroud, J.P., 1978, "Geotextiles, new construction materials, which have become indispensable in less than ten years. Their use in railway construction", *Rail International*, 11, Brussels, November 1978, pp. 864-868.
- 78-11 Giroud, J.P., 1978, "Die Geotextilien, neue Baustoffe, die in weniger als zehn Jahren unentbehrlich geworden sind Verwendung im Eisenbahnbereich", *Scheinen der Welt*, 11, Brussels, November 1978, pp. 866-870. (in German)
- 78-12 Giroud, J.P., 1978, "Les Geotextiles: nouveaux matériaux de construction, devenus indispensables en moins de dix ans - Application aux travaux ferroviaires", *Rail International*, 11, Bruxelles, Novembre 1978, pp. 908-912. (in French)
- 79-1 Giroud, J.P., 1979, "Les geotextiles - De geotextilien", *Excavator*, No. 423, 2, Fevrier 1979, pp. 14-38. (in French)

- 79-2 Giroud, J.P., 1979, "Geotextile market at a critical juncture", Interview in *Geotechnical Engineering and Construction*, February-March 1979, pp. 5-7.
- 79-3 Delmas, P., Gourc, J.P., et Giroud, J.P., 1979, "Analyse expérimentale de l'interaction mécanique sol-geotextile - Experimental analysis of soil-geotextile interaction", *Proceedings of the International Conference on Soil Reinforcement*, Volume I, Paris, Mars 1979, pp. 29-34. (in French)
- 79-4 Gourc, J.P. et Giroud, J.P., 1979, "Discussion on experimental analysis of soil-geotextile interaction", *Proceedings of the International Conference on Soil Reinforcement*, Volume III, Paris, March 1979, pp. 69-70.
- 79-5 Gourc, J.P. and Giroud, J.P., 1979, "Comment on experimental analysis of soil-geotextile interaction", *Proceedings of the International Conference on Soil Reinforcement*, Vol. III, Paris, March 1979, pp. 72-73. (in French)
- 79-6 Salomone, W.G. and Giroud, J.P., 1979, "Response to questions pertaining to the use of geotextiles as reinforcement in soil structures", *Proceedings of the International Conference on Soil Reinforcement*, Volume III, Paris, March 1979, pp. 104-108.
- 79-7 Giroud, J.P., 1979, "Utilisation des geotextiles non-tissés dans les travaux hydrauliques - Gebruik van nietgeweven geotextilien voor waterbouwkundige werken", *Excavator*, No. 425, 4, Avril 1979, pp. 1-14. (in French and Dutch)
- 79-8 Cordary, D., Giroud, J.P., et Obin, J.P., 1979, "Choix de la profondeur de reconnaissance pour les fondations superficielles", 7, *Revue Française de Géotechnique*, 1979, pp. 57-71. (in French)
- 79-9 Giroud, J.P., 1979, "Behavior of geotextiles", NATO Advanced Study Institute, *Mechanics of Flexible Fibre Assemblies*, Kilini, Greece, August 19 - September 2, 1979, pp. 513-534.
- 80-1 Collios, A., Delmas, P., Gourc, J.P., and Giroud, J.P., 1980, "Experiments on Soil Reinforcement with Geotextiles", *The Use of Geotextiles for Soil Improvement*, 80-177, ASCE National Convention, Portland, Oregon, April 17, pp. 53-73.
- 80-2 Giroud, J.P. and Noiray, L., 1980, "Design of Geotextile-Reinforced Unpaved Roads", *The Use of Geotextiles for Soil Improvement*, 80-177, ASCE National Convention, Portland, Oregon, April 17, pp. 143-169.
- 80-3 Giroud, J.P., 1980, "Introduction to Geotextiles and their Applications", *Proceedings of the First Canadian Symposium on Geotextiles*, Calgary, Canada, September 23, pp. 3-31.
- 81-1 Giroud, J.P., 1981, "Applications et Rôles des Geotextiles", *l'Industrie Textile*, No. 1113, Juillet - Aout, 1981, pp. 641-642. (in French)
- 81-2 Giroud, J.P., 1981, "Designing with Geotextiles", *Materiaux et Constructions*, Vol. 14, No. 82, (July-August 1981), pp. 257-272.
- 81-3 Giroud, J.P., and Noiray, L., 1981, "Geotextile-Reinforced Unpaved Road Design", *Journal of the Geotechnical Division*, ASCE, Vol. 107, No. GT 9, September 1981, pp. 1233-1254.
- 82-1 Giroud, J.P., 1982, "Les geotextiles: passe, présent et futur", Journée d'Etudes sur les Geotextiles, Zurich, Suisse, 4 Mars 1982, *Chantiers*, No. 6, Juin 1982, pp. 41-44. (in French)
- 82-2 Giroud, J.P., 1982, "Design of Geotextiles Associated with Geomembranes", *Proceedings of the Second International Conference on Geotextiles*, Vol. 1, Las Vegas, NV, USA, August 1982, pp. 37-42.
- 82-3 Giroud, J.P., 1982, "Filter Criteria for Geotextiles", *Proceedings of the Second International Conference on Geotextiles*, Vol. 1, Las Vegas, NV, USA, August 1982, pp. 103-108.
- 82-4 Baudonnel, J., Giroud, J.P. et Gourc, J.P., 1982, "Etude expérimentale et théorique du comportement en traction des geotextiles non tissés", *Proceedings of the Second International Conference on Geotextiles*, Vol. 3, Las Vegas, NV, USA, August 1982, pp. 823-828. (in French)

- 82-5 Giroud, J.P., "1982, Opening Address", *Proceedings of the Second International Conference on Geotextiles*, Vol. 4, Las Vegas, NV, USA, August 1982, pp. 3-4.
- 82-6 Giroud, J.P., 1982, "Discussion on Design of Geotextiles Associated with Geomembranes", *Proceedings of the Second International Conference on Geotextiles*, Vol. 4, Las Vegas, NV, USA, August 1982, p. 25.
- 82-7 Giroud, J.P., 1982, "Discussion on Filter Criteria for Geotextiles", *Proceedings of the Second International Conference on Geotextiles*, Vol. 4, Las Vegas, NV, USA, August 1982, pp. 36-38.
- 82-8 Giroud, J.P., 1982, "Discussion on Experimental and Theoretical Study of Tensile Behavior of Nonwoven Geotextiles", *Proceedings of the Second International Conference on Geotextiles*, Vol. 4, Las Vegas, NV, USA, August 1982, p. 130.
- 82-9 Giroud, J.P., 1982, "Closure Address", *Proceedings of the Second International Conference on Geotextiles*, Vol. 4, Las Vegas, NV, USA, August 1982, pp. 152-153.
- 82-10 Giroud, J.P. and Goldstein, J.S., 1982, "Geomembrane Liner Design", *Waste Age*, Vol. 13, No. 9, September 1982, pp. 27-30.
- 82-11 Giroud, J.P., 1982, "Discussion and Closure on Geotextile - Reinforced Unpaved Road Design", *Journal of the Geotechnical Division*, ASCE, Vol. 108, No. GT 12, December 1982, pp. 1654-1670.
- 83-1 Giroud, J.P., 1983, "Introduction aux geotextiles", Annexe au "*Cours pratique de mecanique des sols*", volume 2 par J. Costet et G. Sanglerat, Dunod, Paris, pp. 416-442. (in French)
- 83-2 Giroud, J.P., 1983, "Rapport général sur les bassins revêtus de geomembranes", *Comptes-rendus du colloque sur l'etancheite superficielle des bassins, barrages et canaux*, Volume II, Paris, Fevrier 1983, pp. 75-90d. (in French)
- 83-3 Giroud, J.P., 1983, "Geotextile Drainage Layers for Soil Consolidation", *Civil Engineering for Practicing and Design Engineers*, Volume II, pp. 275-295.
- 83-4 Giroud, J.P. and Carroll, R.G., 1983, "Geotextile Products", *Geotechnical Fabrics Report*, Summer 1983, pp. 12-15.
- 83-5 Giroud, J.P. and Frobel, R.K., 1983, "Geomembrane Products", *Geotechnical Fabrics Report*, Fall 1983, pp. 38-42.
- 84-1 Giroud, J.P. and Frobel, R.K., 1984, "Geomembrane Products", *Water Power and Dam Construction*, London, March 1984, pp. 23-26.
- 84-2 Giroud, J.P., Ah-Line, C., and Bonaparte, R., 1984, "Design of Unpaved Roads and Trafficked Areas with Geogrids", *Proceedings of the Conference on Polymer Grid Reinforcement*, 4.1, London, 23-24 March 1984, pp. 116-127.
- 84-3 Giroud, J.P., 1984, "Geotextiles and Geomembranes", *Geotextiles and Geomembranes*, Vol. 1, No. 1, Elsevier, London, England, pp. 5-40.
- 84-4 Giroud, J.P., 1984, "Mass per Unit Length and Mass per Unit Area", *Geotextiles and Geomembranes*, Vol. 1, No. 1, Elsevier, London, England, 1984, pp. 75-76.
- 84-5 Giroud, J.P. and Bonaparte, R., 1984, "Waterproofing and Drainage: Geomembranes and Synthetic Drainage Layers", *Proceedings of the Second International Symposium on Plastic and Rubber Waterproofing in Civil Engineering*, Vol. 1, Session 3A, Liege, Belgium, June 1984, pp. 3A.1.1-3A.1.6.
- 84-6 Giroud, J.P., 1984, "Geomembrane Liners: Accidents and Preventive Measures", *Proceedings of the Second International Symposium on Plastic and Rubber Waterproofing in Civil Engineering*, Vol. 1, Session 4, Liege, Belgium, June 1984, pp. 4.2.1-4.2.6.
- 84-7 Giroud, J.P., 1984, "Opening Address", *Proceedings of the International Conference on Geomembranes*, Vol. 1, Denver, CO, USA, June 1984, pp. 1-3.

- 84-8 Giroud, J.P., 1984, "Impermeability: The Myth and a Rational Approach", *Proceedings of the International Conference on Geomembranes*, Vol. 1, Denver, CO, USA, June 1984, pp. 157-162.
- 84-9 Giroud, J.P., 1984, "Aging of PVC Geomembranes in Uranium Mine Tailing Ponds", *Proceedings of the International Conference on Geomembranes*, Vol. 2, Denver, CO, USA, June 1984, pp. 311-316.
- 84-10 Williams, N., Giroud, J.P., and Bonaparte, R., 1984, "Properties of Plastic Nets for Liquid and Gas Drainage Associated with Geomembranes", *Proceedings of the International Conference on Geomembranes*, Vol. 2, Denver, CO, USA, June 1984, pp. 399-404.
- 84-11 Giroud, J.P. and Stone, J.L., 1984, "Design of Geomembrane Liner for the Proton Decay Experiment", *Proceedings of the International Conference on Geomembranes*, Vol. 2, Denver, CO, USA, June 1984, pp. 469-474.
- 84-12 Giroud, J.P., 1984, "Analysis of Stresses and Elongations in Geomembranes", *Proceedings of the International Conference on Geomembranes*, Vol. 2, Denver, CO, USA, June 1984, pp. 481-486.
- 84-13 Giroud, J.P. and Ah-Line, C., 1984, "Design of Earth and Concrete Covers for Geomembranes", *Proceedings of the International Conference on Geomembranes*, Vol. 2, Denver, CO, USA, June 1984, pp. 487-492.
- 84-14 Giroud, J.P., 1984, "*Geotextiles and Geomembranes. Definitions, Properties and Design*", IFAI Publishers, 325 p.
- 85-1 Bonaparte, R., Williams, N., and Giroud, J.P., 1985, "Innovative Leachate Collection Systems for Hazardous Waste Containment Facilities", *Proceedings of the Geotechnical Fabrics Conference '85*, IFAI, Cincinnati, OH, USA, June 1985, pp. 9-34.
- 85-2 Giroud, J.P., 1985, "Geomembrane-Lined Dams in Europe", *Proceedings of the Geotechnical Fabrics Conference '85*, IFAI, Cincinnati, OH, USA, June 1985, pp. 66-69.
- 85-3 Giroud, J.P., Arman, A., and Bell, J.R., 1985, "Geotextiles in Geotechnical Engineering, Practice and Research", Report of the ISSMFE Technical Committee on Geotextiles, *Geotextiles and Geomembranes*, Vol. 2, No. 3, Elsevier, London, England, July 1985, pp. 179-242.
- 85-4 Giroud, J.P., 1985, "Symbols for Geotechnical Engineering, Geotextiles and Geomembranes", List of Symbols adopted by the International Geotextile Society, *Geotextiles and Geomembranes*, 2, 3, July 1985, pp. 243-262.
- 85-5 Giroud, J.P., 1985, "After the Third International Conference on Geotextiles", *Geotextiles and Geomembranes*, 2, 3, July 1985, pp. 275-276.
- 85-6 Bonaparte, R., Holtz, R.D., and Giroud, J.P., 1985, "Soil Reinforcement Design Using Geotextiles and Geogrids", *ASTM Symposium, "Geotextile Testing and the Design Engineer"*, ASTM STP 952, Los Angeles, CA, USA, June 1985, pp. 69-116.
- 85-7 Giroud, J.P., 1985, "Tomorrow's Designs for Geotextile Applications", "*Geotextile Testing and the Design Engineer*", Fluet, J.E., Editor, ASTM STP 952, 1987, Proceedings of a symposium held in Los Angeles, California, USA, June 1985, pp. 145-158.
- 85-8 Arman, A. and Giroud, J.P., 1985, "Discussion on 'Geotextile Applications'", *Proceedings of the 11th International Conference on Soil Mechanics and Foundation Engineering*, San Francisco, CA, USA, Vol. 5, August 1985, pp. 2773-2775.
- 86-1 Giroud, J.P., 1986, "From Geotextiles to Geosynthetics: A Revolution in Geotechnical Engineering", *Proceedings of the Third International Conference on Geotextiles*, Vol. 1, Vienna, Austria, April 1986, pp. 1-18.
- 86-2 Giroud, J.P., 1986, "Closing Address", *Proceedings of the Third International Conference on Geotextiles*, Vol. 5, Vienna, Austria, April 1986, p. 1523.

- 86-3 Giroud, J.P., 1986, "Leadership and Membership", *IGS News*, Vol. 2, No. 1, June 1986, p. 1.
- 86-4 Giroud, J.P., 1986, "Benefits for Members", *IGS News*, Vol. 2, No. 2, November 1986, p. 1.
- 86-5 Giroud, J.P. and Fluet, J.E., Jr., 1986, "Quality Assurance of Geosynthetic Lining Systems", *Geotextiles and Geomembranes*, Vol. 3, No. 4, Elsevier, London, England, pp. 249-287.
- 86-6 Giroud, J.P., 1986, "Geotextiles: the Road Ahead", Supplement on Geotextiles and Geomembranes to *Civil Engineering*, Morgan Grampian, November-December 1986, pp. 3-5.
- 87-1 Giroud, J.P., 1987, "Keynote Address", *Proceedings of Geosynthetics '87*, Vol. 1, New Orleans, LA, USA, February 1987, pp. 4-5.
- 87-2 Giroud, J.P., 1987, "A comment by the President of the IGS", *Water Power & Dam Construction*, Vol. 39, No. 3, March 1987, p. 15.
- 87-3 Giroud, J.P., 1987, "A Long-Term Strategy for the IGS", *IGS News*, Vol. 2, No. 3, April 1987, p. 1.
- 87-4 Bonaparte, R., Beech, J.F., and Giroud, J.P., 1987, "*Background Document on Bottom Liner Performance in Double-Lined Landfills and Surface Impoundments*", EPA/530-SW-87-013, U.S. Environmental Protection Agency, Washington, DC, USA, April 1987, 350 p.
- 87-5 Bonaparte, R., Giroud, J.P., Wallace, R.B., Ah-Line, C., and Prillaman, J.G., 1987, "*Background Document on Proposed Liner and Leak Detection Rule*", EPA/530-SW-87-015, U.S. Environmental Protection Agency, Washington, DC, USA, May 1987, 529 p.
- 87-6 Giroud, J.P. and Davidson, R.R., 1987, "Geotextiles", *Reinforcement of Earth Slopes and Embankments*, Mitchell, J.K. and Villet, W.C.B., Eds., NCHRP Report 290, Transportation Research Board, Washington, DC, USA, Appendix A, Chapter 2, June 1987, pp. 124-153.
- 87-7 Giroud, J.P., 1987, "From Geotextiles to Geosynthetics: A Revolution in Geotechnical Engineering", *Proceedings of the Post Vienna Conference on Geotextiles*, Singapore, October 1987, pp. 1-18.
- 87-8 Giroud, J.P., 1987, "Geotextiles and Related Products", Chapter 8 in *Geotechnical Modeling and Applications*, S. Sayed (Ed.), Gulf Publishing Company, pp. 355-390.
- 88-1 Giroud, J.P., 1988, "Dai geotessili ai geosintetici: una rivoluzione nell'ingegneria geotecnica", *Impermeabilizzare*, Volume 2/88, March-April 1988, pp. 25-40. (in Italian)
- 88-2 Giroud, J.P., 1988, "Two Years after the Vienna General Assembly", *IGS News*, Vol. 4, No. 2, July 1988, p. 1.
- 88-3 Giroud, J.P., 1988, "IGS Achievements", *IGS News*, Vol. 4, No. 2, July 1988, pp. 2-3.
- 88-4 Giroud, J.P., Bonaparte, R., Beech, J.F., and Gross, B.A., "Load-carrying Capacity of a Soil Layer Supported by a Geosynthetic Overlying a Void", *Proceedings of the International Geotechnical Symposium on Theory and Practice of Earth Reinforcement*, Yamanouchi, T., Miura, N., and Ochiai, H., Editors, Fukuoka- Kyushu, Japan, October 1988, pp. 185-190.
- 88-5 Giroud, J.P., 1988, "The Fifth Anniversary of the IGS", *IGS News*, Vol. 4, No. 3, November 1988, p. 2.
- 88-6 Giroud, J.P., 1988, "Review of Geotextile Filter Criteria", *Proceedings of the First Indian Geotextiles Conference*, Bombay, India, December 1988, pp. 1-6.
- 89-1 Giroud, J.P., 1989, "Vingt ans de geotextiles en France", *L'Industrie Textile*, No. 1195, January 1989, pp. 83-84.
- 89-2 Giroud, J.P., Fluet, J.E., Jr., and Gross, B.A., 1989, "*Geosynthetic Engineering Workshop Design Examples*", FHWA-HI-89-002, Federal Highway Administration, Washington, DC, USA, January 1989, 144 p.

- 89-3 Giroud, J.P., 1989, "Are geosynthetics durable enough to be used in dams?", *Water Power and Dam Construction*, Vol. 41, No. 2, February 1989, pp. 12-13.
- 89-4 Bonaparte, R., Giroud, J.P., and Gross, B.A., 1989, "Rates of Leakage through Landfill Liners", *Proceedings of Geosynthetics '89*, Vol. 1, IFAI, San Diego, CA, USA, February 1989, pp. 18-29.
- 89-5 Giroud, J.P. and Beech, J.F., 1989, "Stability of Soil Layers on Geosynthetic Lining Systems", *Proceedings of Geosynthetics '89*, Vol. 1, IFAI, San Diego, CA, USA, February 1989, pp. 35-46.
- 89-6 Giroud, J.P., 1989, "The 5th International Conference: where?", *IGS News*, Vol. 5, No. 1, March 1989, p. 1.
- 89-7 Giroud, J.P. and Bonaparte, R., 1989, "Leakage through Liners Constructed with Geomembranes, Part I: Geomembrane Liners", *Geotextiles and Geomembranes*, Vol. 8, No. 1, pp. 27-67.
- 89-8 Giroud, J.P. and Bonaparte, R., 1989, "Leakage through Liners Constructed with Geomembranes, Part II: Composite Liners", *Geotextiles and Geomembranes*, Vol. 8, No. 2, pp. 71-111.
- 89-9 Giroud, J.P., Khatami, A., and Badu-Tweneboah, K., 1989, "Evaluation of the Rate of Leakage through Composite Liners", *Geotextiles and Geomembranes*, Vol. 8, No. 4, pp. 337-340.
- 89-10 Giroud, J.P., 1989, "How the IGS Council Works", *IGS News*, Vol. 5, No. 2, July 1989, pp. 1-2.
- 89-11 Giroud, J.P. and Massenaux, G., 1989, "A Short History of the IGS Council", *IGS News*, Vol. 5, No. 2, July 1989, p. 2.
- 89-12 Giroud, J.P., 1989, "Introduction to discussion on soil reinforcement", *Proceedings of the Twelfth International Conference on Soil Mechanics and Foundation Engineering*, Rio de Janeiro, August 1989, Vol. 5, pp. 3003-3004.
- 89-13 Giroud, J.P., 1989, "Panelist Contribution on Geotextile Filters", *Proceedings of the Twelfth International Conference on Soil Mechanics and Foundation Engineering*, Rio de Janeiro, Brazil, August 1989, Vol. 5, pp. 3105-3106.
- 89-14 Giroud, J.P. and Cazzuffi, D.A., 1989, "Uses of Geosynthetics for Environmental Control", *Proceedings of the Twelfth International Conference on Soil Mechanics and Foundation Engineering*, Rio de Janeiro, August 1989, Vol. 5, pp. 3119-3125.
- 89-15 Christopher, B.R., Gill, S.A., Giroud, J.P., Juran, I., Schlosser, F., Mitchell, J.K., and Dunnichiff, J., 1989, "Reinforced Soil Structures, Volume I. Design and Construction Guidelines", U.S. Department of Transportation, Federal Highway Administration, Report No. FHWA-RD-89-043, November 1989, 287 p.
- 89-16 Christopher, B.R., Gill, S.A., Giroud, J.P., Juran, I., Schlosser, F., Mitchell, J.K., and Dunnichiff, J., 1989, "Reinforced Soil Structures, Volume II. Summary of Research and Systems Information", U.S. Department of Transportation, Federal Highway Administration, Report No. FHWA-RD-89-043, November 1989, 158 p.
- 90-1 Giroud, J.P., Bonaparte, R., Beech, J.F., and Gross, B.A., 1990, "Design of Soil Layer-Geosynthetic Systems Overlying Voids", *Geotextiles and Geomembranes*, Vol. 9, No. 1, Elsevier, London, England, pp. 11-50.
- 90-2 Giroud, J.P. and Peggs, I.D., 1990, "The Geomembrane Waste Age: The Eighties -- And Nineties", *Waste Age*, January 1990, pp. 20, 22, and 130.
- 90-3 Giroud, J.P., 1990, "Protect the Geomembrane Cap!", *Waste Age*, (Landfills Issue) Vol 21, No. 3, March 1990, pp. 58-60.
- 90-4 Giroud, J.P., 1990, "An Open Letter from the President of the IGS", *IGS News*, Vol. 6, No. 1, March 1990, p. 1.
- 90-5 Giroud, J.P., 1990, "IGS Achievements - April 1986-March 1990", *IGS News*, Vol. 6, No. 1, March 1990, pp. 2-3.
- 90-6 Giroud, J.P., 1990, (Interview), *Geosynthetics World*, London, England, Vol. 1, Issue 1, May 1990, pp. 6-9.

- 90-7 Gross, B.A., Bonaparte, R., and Giroud, J.P., 1990, "Evaluation of Flow from Landfill Leakage Detection Layers", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 2, The Hague, The Netherlands, May 1990, pp. 481-486.
- 90-8 Giroud, J.P., Swan, R.H., Jr., Richer, P.J., and Spooner, P.R., 1990, "Geosynthetic Landfill Cap: Laboratory and Field Tests, Design and Construction", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 2, The Hague, The Netherlands, May 1990, pp. 493-498.
- 90-9 Giroud, J.P., Beech, J.F., and Khatami, A., 1990, "Stability of Solid Waste on Geosynthetic Lining Systems", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 2, The Hague, The Netherlands, May 1990, p. 526.
- 90-10 Giroud, J.P., 1990, "The IGS and the Geopolymer Discipline", Opening address by the President of the IGS, *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, pp. 893-896.
- 90-11 Giroud, J.P., 1990, "Discussion of Geosynthetic Landfill Cap: Laboratory and Field Tests, Design and Construction", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, pp. 1097-1098.
- 90-12 Giroud, J.P., 1990, "Discussion of 'Water-Table Pollution Control by Bituminous Geomembranes' by Bienaimé, C. and Herment, R.", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, pp. 1099-1100.
- 90-13 Giroud, J.P., 1990, "General Report on Waste Disposal", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, p. 1205.
- 90-14 Giroud, J.P., 1990, "Discussion of 'Engineering Geosynthetics in Design and Construction of Jibiya Dam' by Sembenelli, P.", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, p. 1083.
- 90-15 Giroud, J.P., 1990, "Discussion of 'Results of Seventeen Years of Using Geomembranes in Dams and Basins' by Alonso, E., Degoutte, G., and Girard, H.", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, p. 1084.
- 90-16 Gross, B.A., Bonaparte, R., and Giroud, J.P., 1990, "Discussion of Evaluation of Flow from Landfill Leakage Detection Layers", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, pp. 1095-1096.
- 90-17 Giroud, J.P., 1990, "Discussion of 'Tests of Geomembranes Water Permeability' by Faure, Y.H., Pierson, P., Artières, O., and Goussé, F.", *Proceedings of the Fourth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 3, The Hague, The Netherlands, May 1990, p. 1103.
- 90-18 Giroud, J.P., 1990, "Functions and Applications of Geosynthetics in Dams", *Water Power and Dam Construction*, Vol. 42, No. 6, June 1990, pp. 16-23.
- 90-19 Giroud, J.P. and Peggs, I.D., 1990, "Geomembrane Construction Quality Assurance", *Waste Containment Systems: Construction, Regulation, and Performance*, Geotechnical Special Publication No. 26, ASCE, R. Bonaparte, Editor, November 1990, pp. 190-225.
- 91-1 Peggs, I.D., Winfree, J.P., and Giroud, J.P., 1991, "A Shattered Geomembrane Liner Case History: Investigation and Remediation", *Proceedings of Geosynthetics '91*, Atlanta, GA, USA, February 1991, IFAI Publishers, Volume 2, pp. 495-505.
- 91-2 Giroud, J.P., 1991, "Symbols", *Geomembranes: Identification and Performance Testing*, Rollin, A. and Rigo, J.M., Eds., RILEM Report 4, Chapman and Hall, London, UK, Appendix, pp. 337-350.

- 91-3 Giroud, J.P., 1991, "The Past-President's Response to a letter from R. Denis on the Name of the IGS", *IGS News*, Vol. 7, No. 1, March 1991, pp. 3-4.
- 91-4 Giroud, J.P., 1991, "Geosynthetics in Dams", *Use of Geosynthetics in Dams*, United States Committee on Large Dams, USCOLD, Proceedings of the 11th USCOLD Annual Lecture Series, held in White Plains, NY, USA, April 1991, 1 p.
- 91-5 Koerner, R.M. and Giroud, J.P., 1991, "Geosynthetics in Dams in the United States", *IGS News*, Vol. 7, No. 2, July 1991, p. 5.
- 91-6 Giroud, J.P., 1991, "Graphic Symbols for Geosynthetics", *IGS NEWS*, Vol. 7, No. 3, November 1991, pp. 8-10.
- 91-7 Giroud, J.P., 1991, "Geosynthetics in Dams", *IGS News*, Vol. 7, No. 3, November 1991, pp. 12-13.
- 91-8 Cazzuffi, D. and Giroud, J.P., 1991, "I Geosintetici nei Sistemi di Impermeabilizzazione e Drenaggio delle Discariche Controllate" (Geosynthetics in Systems for Waterproofing and Drainage of Secure Landfills), *Atti delle Conferenze di Geotecnica di Torino - XV Ciclo - "La Ingegneria Geotecnica nella Salvaguardia e Recupero del Territorio"*, Torino, Italy, November 1991, 28 p. (in Italian)
- 91-9 Giroud, J.P., 1991, "Tips on Specifying Geosynthetics", *Geotechnical Fabrics Report*, Vol. 9, No. 9 December 1991, pp. 6-8.
- 91-10 Giroud, J.P., 1991, "Embankment Dams - Geomembranes", *U.S. Bureau of Reclamation Design Standards*, No. 13, Chapter 20, 302 p.
- 92-1 Giroud, J.P., Badu-Tweneboah, K., and Bonaparte, R., 1992, "Rate of Leakage Through a Composite Liner due to Geomembrane Defects", *Geotextiles and Geomembranes*, Vol. 11, No. 1, pp. 1-28.
- 92-2 Giroud, J.P., and Morel, N., 1992, "Analysis of Geomembrane Wrinkles", *Geotextiles and Geomembranes*, Vol. 11, No. 3, pp. 255-276. (Erratum: 1993, Vol. 12, No. 4, p. 378.)
- 92-3 Giroud, J.P., 1992, "Biaxial Tensile Stresses in Geosynthetics", *Geotextiles and Geomembranes*, Vol. 11, No. 3, pp. 319-325.
- 92-4 Giroud, J.P., 1992, "Toward a Solution for the Name of the Society", *IGS News*, Vol. 8, No. 1, March 1992, p. 2.
- 92-5 Giroud, J.P., 1992, "Geosynthetics in Dams: Two Decades of Experience", *Geotechnical Fabrics Report*, Vol. 10, No. 5, July-August 1992, pp. 6-9, and Vol. 10, No. 6, September-October 1992, pp. 22-28.
- 92-6 Giroud, J.P., 1992, "Specifying Geosynthetics", *Geotechnical Fabrics Report*, Vol. 10, No. 9, December 1992, pp. 6-8.
- 92-7 Luetlich, S.M., Giroud, J.P., and Bachus, R.C., 1992, "Geotextile Filter Design Guide", *Geosynthetics in Filtration, Design and Erosion Control*, Koerner, R.M., Ed., Elsevier Applied Science, London, UK, Proceedings of the Fifth Geosynthetic Research Institute Seminar, held in Philadelphia, PA, USA, December 1991, pp. 19-34.
- 92-8 Luetlich, S.M., Giroud, J.P., and Bachus, R.C., 1992, "Geotextile Filter Design Guide", *Geotextiles and Geomembranes*, Special Issue on Geosynthetics in Filtration, Drainage and Erosion Control, Vol. 11, Nos. 4-6, pp. 355-370.
- 93-1 Giroud, J.P., 1993, "Celebrating 10 Years of GFR", *Geotechnical Fabrics Report*, Vol. 11, No. 2, March 1993, p. 62.
- 93-2 Raymond, G.P. and Giroud, J.P., Eds., 1993, "*Geosynthetics Case Histories*", ISSMFE, BiTech, 277 p.
- 93-3 Giroud, J.P. and Gross, B.A., 1993, "Geotextile Filters for Downstream Drain and Upstream Slope, Valcros Dam, France", *Geosynthetics Case Histories*, Raymond, G.P. and Giroud, J.P., Eds., ISSMFE, pp. 2-3.
- 93-4 Beech, J.F., Giroud, J.P., and Wallace, R.B., 1993, "Geosynthetics in Hazardous Waste Landfill, Baton Rouge, Louisiana, USA", *Geosynthetics Case Histories*, Raymond, G.P. and Giroud, J.P., Eds., ISSMFE, pp. 28-29.

- 93-5 Tisinger, L.G., Clark, B., Giroud, J.P., and Christopher, B.R., 1993, "Analysis of an Exposed Polypropylene Geotextile", *Proceedings of Geosynthetics '93*, Vol. 2, Vancouver, Canada, March-April 1993, pp. 757-771.
- 93-6 Giroud, J.P., Soderman, K.L., and Monroe, M., 1993, "Mechanical Design of Geomembrane Applications", *Proceedings of Geosynthetics '93*, Vol. 3, Vancouver, Canada, March-April 1993, pp. 1455-1468.
- 93-7 Carlson, D.S., Charron, R.M., Winfree, J.P., Giroud, J.P., and McLearn, M.E., 1993, "Laboratory Evaluation of HDPE Geomembrane Seams", *Proceedings of Geosynthetics '93*, Vol. 3, Vancouver, Canada, March-April 1993, pp. 1543-1557.
- 93-8 Giroud, J.P., 1993, "Geosynthetics in Dams", *Geosynthetics World*, Vol. 3, No. 1, March-April 1993, pp. 26-28.
- 93-9 Giroud, J.P. and Bonaparte, R., 1993, "Geosynthetics in Dam Rehabilitation", *Geotechnical Practice in Dam Rehabilitation*, Anderson, L.A., Ed., ASCE Geotechnical Special Publication 35, Proceedings of a Conference held in Raleigh, NC, USA, April 1993, pp. 1043-1074.
- 93-10 Giroud, J.P., Darrasse, J., and Bachus, R.C., 1993, "Hyperbolic Expression for Soil-Geosynthetic or Geosynthetic-Geosynthetic Interface Shear Strength", *Geotextiles and Geomembranes*, Vol. 12, No.3, pp. 275-286.
- 93-11 Giroud, J.P., with cooperation of Beech, J.F. and Khatami, A., 1993, "*Geosynthetics Bibliography*", Vol. 1, Conferences, IGS, IFAI Publishers, St. Paul, MN, USA, 781 p.
- 93-12 Giroud, J.P., 1993, "Leçons tirées de l'étude de la performance des geosynthétiques", *Proceedings of Geotextiles-Geomembranes Rencontres 93*, Vol. 1, Joué-les-Tours, France, September 1993, pp. 15-31. (in French)
- 93-13 Giroud, J.P., 1993, "Lessons Learned from Studying the Performance of Geosynthetics", *Proceedings of Geotextiles-Geomembranes Rencontres 93*, Vol. 1, Joué-les-Tours, France, September 1993, p. 15, pp. 33-46.
- 93-14 Tisinger, L.G. and Giroud, J.P., 1993, "The Durability of HDPE Geomembranes", *Geotechnical Fabrics Report*, Vol. 11, No. 6, September 1993, pp. 4-8.
- 93-15 Tisinger, L.G. and Giroud, J.P., 1993, "The Durability of PVC Geomembranes", *Geotechnical Fabrics Report*, Vol. 11, No. 7, October 1993, pp. 12-16.
- 93-16 Giroud, J.P., Luettich, S.M., and Charron, R.M., 1993, "Specify, Don't Overspecify", *Geotechnical Fabrics Report*, Vol. 11, No. 9, December 1993, pp. 4, 6, 8, 9-10.
- 93-17 Giroud, J.P., 1993, "Geosynthetics Specification", *Fabrics Architecture*, Vol. 5, No. 7, December 1993, pp. 92-95.
- 93-18 Giroud, J.P., 1993, "Renforcer en Souplesse", *Textiles à Usage Technique*, No. 10, 4th Trimester 1993, p. 3. (in French)
- 93-19 Giroud, J.P. and Tisinger, L.G., 1993, "The Influence of Plasticizers on the Performance of PVC Geomembranes", *Geosynthetic Liner Systems: Innovations, Concerns and Designs*, Koerner, R.M. and Wilson-Fahmy, R.F., Eds., Proceedings of the 7th Symposium of the Geosynthetic Research Institute, Philadelphia, PA, USA, December 1993, pp. 169-196.
- 93-20 Giroud, J.P., 1993, "Personal Memories on the Formation of the IGS", *IGS News*, Vol. 9, No. 3, November 1993, pp. 5-6.
- 94-1 Giroud, J.P., 1994, "Interview", *Geosynthetics World*, Vol. 4, No. 3, January 1994, pp. 20-22.
- 94-2 Giroud, J.P., 1994, "Mathematical Model for Geomembrane Stress-Strain Curve with a Yield Peak", *Geotextiles and Geomembranes*, Vol. 13, No. 1, pp. 1-22.
- 94-3 Giroud, J.P., Monroe, M., and Charron, R.M., 1994, "Measurement of HDPE Geomembrane Strain in Tensile Test", *Geotechnical Testing Journal*, ASTM, Vol. 17, No. 1, March 1994, pp. 65-71.

- 94-4 Rowe, R.K. and Giroud, J.P., 1994, "Quality Assurance of Barrier Systems for Landfills", *IGS News*, Vol. 10, No. 1, March 1994, pp. 6-8.
- 94-5 Giroud, J.P., Beech, J.F., and Soderman, K.L., 1994, "Yield of Scratched Geomembranes", *Geotextiles and Geomembranes*, Vol. 13, No. 4, pp. 231-246.
- 94-6 Giroud, J.P., 1994, "The Mechanics of Geomembrane Stress Cracking", *Computer Methods and Advances in Geomechanics*, Siriwardane, H.J. and Zaman, M.M., Editors, Balkema, Proceedings of the Eighth International Conference on Computer Methods and Advances in Geomechanics, held in Morgantown, WV, USA, May 1994, Vol. 1, pp. 177-188.
- 94-7 Giroud, J.P., 1994, "Relationship Between Geomembrane Density and Carbon Black Content", *Geosynthetics International*, Vol. 1, No. 1, pp. 93-98.
- 94-8 Giroud, J.P., 1994, "Determination of Geomembrane Shattering Cracks", *Geosynthetics International*, Vol. 1, No. 2, pp. 149-180.
- 94-9 Giroud, J.P., Badu-Tweneboah, K., and Soderman, K.L., 1994, "Evaluation of Landfill Liners", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Singapore, September 1994, Vol. 3, pp. 981-986.
- 94-10 Tisinger, L.G., Clark, B.S., Giroud, J.P., and Schauer, D.A., 1994, "The Performance of Nonwoven Geotextiles Exposed to a Semi-Tropical Environment", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Singapore, September 1994, Vol. 3, pp. 1223-1226.
- 94-11 Giroud, J.P., 1994, "Quantification of Geosynthetics Behavior", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Singapore, September 1994, Vol. 4, pp. 1249-1273.
- 94-12 Giroud, J.P., 1994, "Participation in Panel Discussion on Environmental Protection", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 4, Singapore, September 1994, pp. 1387-1398.
- 94-13 Giroud, J.P., 1994, "Participation in Discussion on Seams and Damage Detection", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 4, Singapore, September 1994, pp. 1509-1512.
- 94-14 Giroud, J.P., 1994, "Participation in Discussion on Case Histories I", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 4, Singapore, September 1994, pp. 1513-1515.
- 94-15 Giroud, J.P., 1994, "Participation in Discussion on Case Histories II", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 4, Singapore, September 1994, p. 1517.
- 94-16 Giroud, J.P., 1994, "Participation in Discussion on Protection of Geomembrane Liners", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 4, Singapore, September 1994, pp. 1521-1523.
- 94-17 Giroud, J.P., 1994, "Participation in Discussion on Durability of Protection of Geomembranes", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 4, Singapore, September 1994, pp. 1525-1528.
- 94-18 Giroud, J.P., 1994, "Participation in Discussion on Aging of Geotextiles and Geogrids", *Proceedings of the Fifth International Conference on Geotextiles, Geomembranes and Related Products*, Vol. 4, Singapore, September 1994, pp. 1537-1539.
- 94-19 Giroud, J.P., with cooperation of Beech, J.F., Khatami, A., and Badu-Tweneboah, K., 1994, "*Geosynthetics Bibliography*", Vol. 2, Journals, Books, Theses, Reports, and Publications from Selected Authors, IGS, IFAI Publishers, St. Paul, MN, USA, 940 p.

- 94-20 Giroud, J.P., 1994, "North American Experience on Geosynthetics in Landfills", *L'Ingegnere e l'Architetto*, Vol. 1, No. 1-4, 1994, Proceedings of the 7th Italian Conference on Geosynthetics, held in Bologna, Italy, October 1993, pp. 69-72. (in English with Italian Abstract)
- 95-1 Giroud, J.P., 1995, "Wrinkle Management for Polyethylene Geomembranes Requires Active Approach", *Geotechnical Fabrics Report*, Vol. 13, No. 3, April 1995, pp. 14-17.
- 95-2 Giroud, J.P., and Soderman, K.L., 1995, "Design of Structures Connected to Geomembranes", *Geosynthetics International*, Vol. 2, No. 2, pp. 379-428.
- 95-3 Soderman, K.L., and Giroud, J.P., 1995, "Relationships Between Uniaxial and Biaxial Stresses and Strains in Geosynthetics", *Geosynthetics International*, Vol. 2, No. 2, pp. 495-504.
- 95-4 Giroud, J.P., and Tisinger, L.G., 1995, "Relationship between PVC Geomembrane Density and Plasticizer Content", *Geosynthetics International*, Vol. 2, No. 3, pp. 567-586.
- 95-5 Giroud, J.P., 1995, "Determination of Geosynthetic Strain due to Deflection", *Geosynthetics International*, Vol. 2, No. 3, pp. 635-641.
- 95-6 Giroud, J.P., 1995, "Mieux Comprendre les Géotextiles", TUT, No. 16, 2nd Trimester 1995, pp. 25-27.
- 95-7 Giroud, J.P., 1995, "Sujets Clés pour une Discussion sur l'Utilisation des Géomembranes pour la Protection de l'Environnement, Key Subjects for a Discussion Concerning the Use of Geomembranes for Environmental Protection", *Proceedings of Geotextiles Geomembranes Rencontres 95*, Beaune, France, September 1995, Vol. 2, pp. 189-191 (in French and English).
- 95-8 Giroud, J.P., Bonaparte, R., and Sembenelli, P., 1995, "Selection of Waste Containment Systems in Developing Countries", *Proceedings of the Fifth International Landfill Symposium*, Sardinia, Italy, October 1995, Vol. 2, pp. 149-157.
- 95-9 Giroud, J.P., and Houlihan, M.F., 1995, "Design of Leachate Collection Layers", *Proceedings of the Fifth International Landfill Symposium*, Sardinia, Italy, October 1995, Vol. 2, pp. 613-640.
- 95-10 Giroud, J.P., Pelte, T., and Bathurst, R.J., 1995, "Uplift of Geomembranes by Wind", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 897-952. (Errata, 1997, Vol. 4, No. 2, pp. 187-207, and 1999, Vol. 6, No. 6, pp. 521-522.)
- 95-11 Giroud, J.P., and Soderman, K.L., 1995, "Comparison of Geomembranes Subjected to Differential Settlement", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 953-969.
- 95-12 Giroud, J.P., Soderman, K.L., Pelte, T., and Beech, J.F., 1995, "Design Method to Prevent Geomembrane Failure in Tank Corners", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 971-1018.
- 95-13 Giroud, J.P., Badu-Tweneboah, K., and Soderman, K.L., 1995, "Theoretical Analysis of Geomembrane Puncture", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 1019-1048.
- 95-14 Giroud, J.P., Tisseau, B., Soderman, K.L., and Beech, J.F., 1995, "Analysis of Strain Concentrations Next to Geomembrane Seams", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 1049-1097.
- 95-15 Giroud, J.P., 1995, "Evaluation of PVC Geomembrane Shrinkage Due to Plasticizer Loss", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 1099-1113.
- 95-16 Giroud, J.P., Williams, N.D., Pelte, T., and Beech, J.F., 1995, "Stability of Geosynthetic-Soil Layered Systems on Slopes", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 1115-1148.

- 95-17 Giroud, J.P., Bachus, R.C., and Bonaparte, R., 1995, "Influence of Water Flow on the Stability of Geosynthetic-Soil Layered Systems on Slopes", *Geosynthetics International*, Special Issue on Design of Geomembrane Applications, Vol. 2, No. 6, pp. 1149-1180.
- 96-1 Giroud, J.P., 1996, "Point de vue", *Revue Générale des Routes et des Aéroports*, No. 737, February 1996, p. 13. (in French)
- 96-2 Giroud, J.P., 1996, "Closure of Discussion of 'Determination of Geosynthetic Strain Due to Deflection'", *Geosynthetics International*, Vol. 3, No. 1, pp. 143-144.
- 96-3 Giroud, J.P., 1996, "Granular Filters and Geotextile Filters", *Proceedings of GeoFilters '96*, Lafleur, J. and Rollin, A.L., Editors, Montréal, Canada, May 1996, pp. 565 - 680.
- 96-4 Bonaparte, R., and Giroud, J.P., 1996, "Waste Containment Systems for Pollution Control: Part II-Hydraulic Design and Performance", Proceedings, NATO Advanced Study Institute Series, *Recent Advances in Ground-Water Pollution Control and Remediation*, Kluwer Academic Publishers, The Netherlands, pp. 437-478.
- 97-1 Zornberg, J.G., and Giroud, J.P., 1997, "Uplift of Geomembranes by Wind - Extension of Equations", *Geosynthetics International*, Vol. 4, No. 2, pp.187-207. (Errata: 1999, Vol. 6, No. 6, pp. 521-522).
- 97-2 Giroud, J.P., Gross, B.A., Bonaparte, R., and McKelvey, J.A., 1997, "Leachate Flow in Leakage Collection Layers Due to Defects in Geomembrane Liners", *Geosynthetics International*, Vol. 4, Nos. 3-4, pp. 215-292.
- 97-3 Giroud, J.P., Khire, M.V., and Soderman, K.L., 1997, "Liquid Migration Through Defects in a Geomembrane Overlain and Underlain by Permeable Media", *Geosynthetics International*, Special Issue on Liquid Migration Control Using Geosynthetic Liner Systems, Vol. 4, Nos. 3-4, pp. 293-321. (Errata, 1999, Vol.6, No. 1, p 69)
- 97-4 Giroud, J.P., Khire, M.V., and McKelvey, J.A., 1997, "Rate of Leachate Migration Through a Defect in a Geomembrane Underlain by a Saturated Permeable Medium", *Geosynthetics International*, Special Issue on Liquid Migration Control Using Geosynthetic Liner Systems, Vol. 4, Nos. 3-4, pp. 323-334.
- 97-5 Giroud, J.P., 1997, "Equations for Calculating the Rate of Liquid Migration Through Composite Liners Due to Geomembrane Defects", *Geosynthetics International*, Special Issue on Liquid Migration Control Using Geosynthetic Liner Systems, Vol. 4, Nos. 3-4, pp. 335-348.
- 97-6 Giroud, J.P., King, T.D., Sanglerat, T.R., Hadj-Hamou, T., and Khire, M.V., 1997, "Rate of Liquid Migration Through Defects in a Geomembrane Placed on a Semi-Permeable Medium", *Geosynthetics International*, Special Issue on Liquid Migration Control Using Geosynthetic Liner Systems, Vol. 4, Nos. 3-4, pp. 349-372.
- 97-7 Giroud, J.P., Soderman, K.L., and Badu-Tweneboah, K., 1997, "Optimal Configuration of a Double Liner System Including a Geomembrane Liner and a Composite Liner", *Geosynthetics International*, Special Issue on Liquid Migration Control Using Geosynthetic Liner Systems, Vol. 4, Nos. 3-4, pp. 373-389.
- 97-8 Giroud, J.P., Badu-Tweneboah, K., and Soderman, K.L., 1997, "Comparison of Leachate Flow Through Compacted Clay Liners and Geosynthetic Clay Liners in Landfill Liner Systems", *Geosynthetics International*, Special Issue on Liquid Migration Control Using Geosynthetic Liner Systems, Vol. 4, Nos. 3-4, pp. 391-431.
- 97-9 Giroud, J.P., Rad, N.S., and McKelvey, J.A., 1997, "Evaluation of the Surface Area of a GCL Hydrated by Leachate Migrating Through Geomembrane Defects", *Geosynthetics International*, Special Issue on Liquid Migration Control Using Geosynthetic Liner Systems, Vol. 4, Nos. 3-4, pp. 433-462.
- 97-10 Giroud, J.P., 1997, "Filtres Géotextiles: Dimensionnement et Installation Fiables - Geotextile Filters: Reliable Design and Installation", Proceedings of Geotextiles Geomembranes Rencontres 97, Reims, France, October 1997, Vol. 1, pp. 170-196 (in French and English).

- 97-11 Badu-Tweneboah, K., Giroud, J.P., Carlson, D.S., and Schmertmann, G.R., 1997, "Discussion of 'Field Evaluation of Protective Covers for Landfill Geomembrane Liners Under Construction Loading'", *Geosynthetics International*, Vol. 4, No. 5, pp. 543-544.
- 98-1 Matasovic, N., Kavazanjian, E., Jr., and Giroud, J.P., 1998, "Newmark Seismic Deformation Analysis for Geosynthetic Interfaces", *Geosynthetics International*, Special Issue on Geosynthetics in Earthquake Engineering Vol. 5, Nos. 1-2, pp.237-264.
- 98-2 Giroud, J.P., Houlihan, M.F. Bachus, R.C., and Qureshi, S., 1998, "Clogging Potential of Geosynthetic Leachate Collection Layers by Fine Particles from Soil Protective Layers", *Proceedings of the Sixth International Conference on Geosynthetics*, Vol. 1, Atlanta, Georgia, USA, March 1998, pp. 185-190.
- 98-3 Gleason, M.H., Houlihan, M.F., and Giroud, J.P., 1998, "An Exposed Geomembrane Cover System for a Landfill", *Proceedings of the Sixth International Conference on Geosynthetics*, Vol. 1, Atlanta, Georgia, USA, March 1998, pp. 211-218.
- 98-4 Giroud, J.P., Soderman, K.L., Khire, M.V., and Badu-Tweneboah, K., 1998, "New Developments in Landfill Liner Leakage Evaluation", *Proceedings of the Sixth International Conference on Geosynthetics*, Vol. 1, Atlanta, Georgia, USA, March 1998, pp. 261-268.
- 98-5 Badu-Tweneboah, K., Giroud, J.P., Carlson, D.S., and Schmertmann, G.R., 1998, "Evaluation of the Effectiveness of Geomembrane Liner Protection", *Proceedings of the Sixth International Conference on Geosynthetics*, Vol. 1, Atlanta, Georgia, USA, March 1998, pp. 279-284.
- 98-6 Giroud, J.P., Delmas, P., and Artières, O., 1998, "Development of a Two-Layer Nonwoven Geotextile Filter", *Proceedings of the Sixth International Conference on Geosynthetics*, Vol. 2, Atlanta, Georgia, USA, March 1998, pp. 1037-1044.
- 98-7 Elias, V, Carlson, D., Bachus, R.B., and Giroud, J.P., 1998, "Stress Cracking Potential of HDPE Geogrids", Report No. FHWA-RD-97-142, August 1998, 184 p.
- 98-8 Matichard, Y, Pelte, T., and Giroud, J.P., 1998, "*Démarche de Qualité pour la Mise en Oeuvre des Geosynthétiques*", ADEME Editions, Angers, France, 1998, 87 p.
- 99-1 Giroud, J.P., 1999, "Lessons Learned From Failures Associated with Geosynthetics", The Kersten Lecture, *Proceedings of the 47th Annual Geotechnical Engineering Conference*, University of Minnesota, pp. 1-37.
- 99-2 Giroud, J.P., 1999, "Lessons Learned From Failures Associated with Geosynthetics", Keynote Lecture, *Proceedings of Geosynthetics '99*, Boston, Massachusetts, USA, April 1999, IFAI, Vol. 1, pp. 1-66.
- 99-3 Badu-Tweneboah, K., Tisinger, L.G., Giroud, J.P., and Smith, B.S., 1999, "Assessment of the Long-Term Performance of Polyethylene Geomembrane and Containers in a Low-Level Radioactive Waste Disposal Landfill", *Proceedings of Geosynthetics '99*, Boston, Massachusetts, USA, April 1999, IFAI, Vol. 2, pp. 1055-1070.
- 99-4 Gleason, M.H., Germain, A.M., Vasuki, N.C., and Giroud, J.P., 1999, "Design and Construction of an Exposed Geomembrane Cover for a Solid Waste Landfill", *Proceedings of the Seventh International Landfill Symposium*, Sardinia, Italy, October 1999, Vol. 3, pp. 335-342.
- 99-5 Hendron, D.M., Fernandez, G., Prommer, P.J., Giroud, J.P., and Orozco, L.F., 1999, "Investigation of the Cause of the 27 September 1997 Slope Failure at the Doña Juana Landfill", *Proceedings of the Seventh International Landfill Symposium*, Sardinia, Italy, October 1999, Vol. 3, pp. 545-554.
- 99-6 Giroud, J.P., 1999, "Le concept d'énergie constante pour les spécifications des géotextiles utilisés comme séparateurs: théorie et pratique – The Concept of Constant Energy for the Specifications of Geotextiles Used as Separators: Theory and Practice", *Proceedings of Rencontres Geosynthétiques '99*, Bordeaux, France, October 1999, Vol. 2, pp. 245-264 (in French with English abstract).

- 99-7 Giroud, J.P. Gleason, M.H., and Zornberg, J.G., 1999, "Design of Geomembrane Anchorage Against Wind Action", *Geosynthetics International*, Vol. 6, No. 6, pp. 481-507.
- 99-8 Gross, B.A., Bonaparte, R., and Giroud, J.P., 1999, "Waste Containment Systems: Problems and Lessons Learned," Appendix F (215 p.) in *Assessment and Recommendations for Optimal Performance of Waste Containment Systems*, R.M. Koerner, D.E. Daniel, and R. Bonaparte, U.S. Environmental Protection Agency, National Risk Management Research Laboratory, Cincinnati, OH, 1999.
- 00-1 Giroud, J.P., 2000, "Lessons Learned From Failures and Successes Associated with Geosynthetics", Keynote Lecture, *Proceedings of Eurogeo 2*, the Second European Conference on Geosynthetics, Bologna, Italy, October 2000, Vol. 1, pp. 77-118.
- 00-2 Giroud, J.P., Zornberg, J.G., and Zhao, A., 2000, "Hydraulic Design of Geosynthetic and Granular Liquid Collection Layers", *Geosynthetics International*, Special Issue on Liquid Collection Systems, Vol. 7, Nos. 4-6, pp. 285-380.
- 00-3 Giroud, J.P., Zhao, A., and Bonaparte, R., 2000, "The Myth of Hydraulic Transmissivity Equivalency Between Geosynthetic and Granular Liquid Collection Layers", *Geosynthetics International*, Special Issue on Liquid Collection Systems, Vol. 7, Nos. 4-6, pp. 381-401.
- 00-4 Giroud, J.P., Zhao, A., and Richardson, G.N., 2000, "Effect of Thickness Reduction on Geosynthetic Hydraulic Transmissivity", *Geosynthetics International*, Special Issue on Liquid Collection Systems, Vol. 7, Nos. 4-6, pp. 433-452.
- 00-3 Giroud, J.P., Zornberg, J.G., and Beech, J.F., 2000, "Thickness of Liquid in Geosynthetic and Granular Liquid Collection Layers Comprising Two Sections With Different Slopes", *Geosynthetics International*, Special Issue on Liquid Collection Systems, Vol. 7, Nos. 4-6, pp. 453-489.
- 00-4 Giroud, J.P. and Zhao, A., 2000, "Design of Liquid Collection Layer With Radial Flow", *Geosynthetics International*, Special Issue on Liquid Collection Systems, Vol. 7, Nos. 4-6, pp. 491-527.
- 00-5 Giroud, J.P., and Soderman, K.L., 2000, "Criterion for Acceptable Bentonite Loss From a GCL Incorporated Into a Liner System", *Geosynthetics International*, Special Issue on Liquid Collection Systems, Vol. 7, Nos. 4-6, pp. 529-581.
- 00-6 Giroud, J.P., Palmer, B., and Dove, J.E., 2000, "Calculation of Flow Velocity in Pipes as a Function of Flow Rate", *Geosynthetics International*, Special Issue on Liquid Collection Systems, Vol. 7, Nos. 4-6, pp. 583-600.
- 00-7 Smith, M.E. and J.P. Giroud, J.P., 2000, "Influence of the Direction of Ore Placement on the Stability of Ore Heaps on Geomembrane-Lined Pads", Chapter 49 in: *Slope Stability in Surface Mining*, W.A. Hustrulid, M.K. McCarter and D.J.A. van Zyl (Editors), Society of Mining, Metallurgy, and Exploration, Inc. (SME), Littleton, Colorado, pp 435 - 438
- 01-1 Giroud, J.P., and Bonaparte, R., 2001, "Geosynthetics in Liquid-Containing Structures", Chapter 26, pp 789-824, in *Geotechnical and Geoenvironmental Engineering Handbook*, R.K. Rowe, Editor, Kluwer Academic Publishers, 1088 p.
- 01-2 Thiel, R.S., Daniel, D.E., Erickson, R.B., Kavazanjian, E., and Giroud, J.P., 2001, "*The GSE GundSeal GCL Design Manual*", September 2001, 8 chapters plus appendices.
- 01-3 Sabatini, P.J., Griffin, L.M., Bonaparte, R., Espinoza, R.D., and Giroud, J.P., 2001, "Reliability of State of Practice for Selection of Shear Strength Parameters for Waste Containment System Stability Analyses", *Proceedings of the 15th GRI Conference*, Houston TX, pp. 86-109.
- 02-1 Richardson, G.N., Giroud, J.P., and Zhao, A., 2002, "Lateral Drainage Update – Part 1", Designers Forum, *Geotechnical Fabrics Report*, IFAI, Roseville, Minnesota, USA, January/February 2002, Vol. 20, No. 1, pp. 12-17.
- 02-2 Richardson, G.N., Giroud, J.P., and Zhao, A., 2002, "Lateral Drainage Update – Part 2", Designers Forum, *Geotechnical Fabrics Report*, IFAI, Roseville, Minnesota, USA, March 2002, Vol. 20, No. 2, pp. 18-21.

- 02-3 Giroud, J.P., 2002, "Geosynthetics in perspective — 1983-1987", *Geotechnical Fabrics Report*, IFAI, Roseville, Minnesota, USA, March 2002, Vol. 20, No. 5, pp. 10-15.
- 02-4 Sabatini, P.J., Griffin, L.M., Bonaparte, R., Espinoza, R.D., and Giroud, J.P., 2002, "Reliability of State of Practice for Selection of Shear Strength Parameters for Waste Containment System Stability Analyses", *Geotextiles and Geomembranes*, Volume 20, No. 4, pp. 241-262.
- 02-5 Giroud, J.P., Thiel, R.S., Kavazanjian, E., and Lauro, F.J., 2002, "Hydrated area of a bentonite layer encapsulated between two geomembranes", *Proceedings of the 7th International Conference on Geosynthetics*, Nice, France, Balkema, Vol. 2, pp. 827-832.
- 02-6 Coppinger, J., Farrell E.R., Cherrill, H., Stenson, G., Breul, B., and Giroud, J.P., 2002, "Use of bituminous geomembrane to reduce environmental impact of road in aquifer", *Proceedings of the 7th International Conference on Geosynthetics*, Nice, France, Balkema, Vol. 3, pp. 921-926.
- 02-7 Giroud, J.P., Luettich, S.M., Richardson, G.N, and Zhao, A, 2002, "Permeability of geotextile and granular filters", *Proceedings of the 7th International Conference on Geosynthetics*, Nice, France, Balkema, Vol. 3, pp. 1065-1068.
- 02-8 Frost, J.D., Evans, T.M., Hebel, G.L., and Giroud, J.P., 2002, "Influence of wear mechanisms on geosynthetic interface strengths", *Proceedings of the 7th International Conference on Geosynthetics*, Nice, France, Balkema, Vol. 4, pp. 1325-1328.
- 03-1 Giroud, J.P., 2003, "Filter Criteria", pp. 221-259, in *Jubilee Volume, 75th Anniversary of K. Terzaghi's "Erdbaumechanik" ("Soil Mechanics")*, H. Brandl, Editor, Reports of the Institute for Soil Mechanics and Geotechnical Engineering, Technical University of Vienna, Austria, 378 p.
- 03-2 Giroud, J.P., and Touze-Foltz, N., 2003, "Geomembranes for Landfills", *Geosynthetics International*, Vol. 10, No. 4, pp. 124-133.
- 03-3 Touze-Foltz, N., and Giroud, J.P., 2003, "Empirical equations for calculating the rate of liquid flow through composite liners due to geomembranes defects", *Geosynthetics International*, Vol. 10, No. 6, pp. 215-233.
- 04-1 Giroud, J.P., Zhao, A., Tomlinson, H.M., and Zornberg, J.G., 2004, "Liquid flow equations for drainage systems composed of two layers including a geocomposite", *Geosynthetics International*, Vol. 11, No. 1, pp. 43-58.
- 04-2 Giroud, J.P., and Han, J., 2004, "Design Method for Geogrid-Reinforced Unpaved Roads. I Development of Design Method", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 130, No. 8, August 2004, pp. 775-786.
- 04-03 Giroud, J.P., and Han, J., 2004, "Design Method for Geogrid-Reinforced Unpaved Roads. II Calibration and Applications", *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 130, No. 8, August 2004, pp. 787-797.
- 04-04 Giroud, J.P., 2004, "Poisson's ratio of unreinforced geomembranes and nonwoven geotextiles subjected to large strains", *Geotextiles and Geomembranes*, Vol. 22, No. 4, August 2004, pp. 297-305.
- 04-05 Giroud, J.P., and Daniel, D.E., 2004, "Liquid migration in an encapsulated bentonite layer due to geomembrane defects", *Geosynthetics International*, Special Issue on Geosynthetic Clay Liners, Vol. 11, No. 4, pp. 311-329.
- 04-06 Giroud, J.P., Thiel, R.S., and Kavazanjian, E., 2004, "Hydrated area of a bentonite layer encapsulated between two geomembranes", *Geosynthetics International*, Special Issue on Geosynthetic Clay Liners, Vol. 11, No. 4, pp. 330-354.
- 04-07 Giroud, J.P., "Prologue", pp. xi-xiii, in "*Applications of Geosynthetics in Irrigation and Drainage Projects*" by H. Plusquellec, International Commission on Irrigation and Drainage, September 2004, 79 p.
- 04-08 Giroud, J.P., "Criteria for Granular and Geotextile Filters", *IGS News*, Vol. 20, No. 3, November 2004, pp. 12-14.

- 05-01 Giroud, J.P., 2005, "Quantification of Geosynthetics Behavior", *Geosynthetics International*, Special Issue on Giroud Lectures, Vol. 12, No. 1, pp. 2-27.
- 05-02 Giroud, J.P., 2005, "Geosynthetics engineering: successes, failures and lessons learned", The Vienna Terzaghi Lecture, pp. 11-54 in *Proceedings of 5. Osterreichische Geotechniktagung*, Osterreichischer Ingenieur und Architekten Verein, Vienna, February 2005, 583 p.
- 05-03 Giroud, J.P., and Touze-Foltz, N., 2005, "Equations for calculating the rate of liquid flow through geomembrane defects of uniform width and finite or infinite length", *Geosynthetics International*, Vol. 12, No. 4, pp. 186-189.
- 05-04 Touze-Foltz, N., and Giroud, J.P., 2005, "Empirical equations for calculating the rate of liquid flow through composite liners due to large circular defects in the geomembrane", *Geosynthetics International*, Vol. 12, No. 4, pp. 200-202.