

Subject index

Airports

The safe management of civil airfield pavements. Barling J. M. and Fleming P. May, 97–106

Bitumen & tar

Assessing heat-adhesive emulsions for track coats. Miró-Recasens R., Martínez A. and Pérez Jiménez F. Feb., 45–51

Bridges

Procedures for the assessment of highway structures. O'Brien E. J., Žnidarič A., Brady K. González A. and O'Connor A. Feb., 17–25

Strengthening two London Underground covered ways. Silva T. M. D. and Church D. G. Aug., 139–147

Codes of practice & standards

Procedures for the assessment of highway structures. O'Brien E. J., Žnidarič A., Brady K. González A. and O'Connor A. Feb., 17–25

Developing countries

Increased damage to uphill flexible pavements from trucks. Razouki S. S. and Radeef H. Y. Feb., 33–44

Economics & finance

Railway risks, safety values and safety costs. Evans A. W. Feb., 3–9

The rise and fall of Edinburgh's congestion charging plans. Saunders J. P. F. Nov., 193–201

Information technology

Enhancing pavement management systems using GIS. Parida M., Aggarwal S. and Jain S. S. May, 107–113

Infrastructure planning

Enhancing pavement management systems using GIS. Parida M., Aggarwal S. and Jain S. S. May, 107–113

The multi-modal study transport investment plans. Marsden G. May, 75–87

Local government

The rise and fall of Edinburgh's congestion charging plans. Saunders J. P. F. Nov., 193–201

Maintenance & inspection

Setting road maintenance standards by multicriteria analysis. Ortiz-García J. J., Snaith M. S. and Costello S. B. Aug., 157–165

Using graphical models to interpret pavement condition data. Attoh-Okine N. O. and Paris D. Nov., 213–218

Management

Setting road maintenance standards by multicriteria analysis.

Ortiz-García J. J., Snaith M. S. and Costello S. B. Aug., 157–165

Stochastic model for strategic assessment of road maintenance. Costello S. B., Snaith M. S., Kerali H. G. R., Tachtsi L. V. and Ortiz-García J. J. Nov., 203–211

Monitoring

Development of a vehicle emissions monitoring system. North R. J., Ochieng W. Y., Quddus M. A., Noland R. B. and Polak J. W. Aug., 167–177

Pavement design

Increased damage to uphill flexible pavements from trucks. Razouki S. S. and Radeef H. Y. Feb., 33–44

Stress charts for rigid pavements loaded by 16-wheel tandem axles. Razouki S. S. and Al-Muhanna R. R. Nov., 219–231

The safe management of civil airfield pavements. Barling J. M. and Fleming P. May, 97–106

Thermal buckling of pavement slabs. Croll J. G. A. May, 115–126

Using graphical models to interpret pavement condition data. Attoh-Okine N. O. and Paris D. Nov., 213–218

Pollution

Development of a vehicle emissions monitoring system. North R. J., Ochieng W. Y., Quddus M. A., Noland R. B. and Polak J. W. Aug., 167–177

Review of CIRIA Report 142 on highway pollutants. Patel J. A. *Briefing*. Aug., 137–138

Rail & bus stations

Interchange 2004. Parker M. J. *Briefing*. Nov., 191–192

Railway systems

Interchange 2004. Parker M. J. *Briefing*. Nov., 191–192

Laboratory simulation of train loading and tamping on ballast. McDowell G. R., Lim W. L., Collop A. C., Armitage R. and Thom N. H. May, 89–95

Research & development

Effects of surface cracking on responses in flexible pavements. Mohammad F. A., Collop A. C. and Brown S. F. May, 127–134

Reviews

Review of CIRIA Report 142 on highway pollutants. Patel J. A. *Briefing*. Aug., 137–138

Risk & probability analysis

Railway risks, safety values and safety costs. Evans A. W. Feb., 3–9

Stochastic model for strategic assessment of road maintenance.

Costello S. B., Snaith M. S., Kerali H. G. R., Tachtsi L. V. and Ortiz-García J. J. Nov., 203–211

Roads & highways

- Assessing heat-adhesive emulsions for track coats. Miró-Recasens R., Martínez A. and Pérez Jiménez F. Feb., 45–51
- Effects of surface cracking on responses in flexible pavements. Mohammad F. A., Collop A. C. and Brown S. F. May, 127–134
- Enhancing pavement management systems using GIS. Parida M., Aggarwal S. and Jain S. S. May, 107–113
- Increased damage to uphill flexible pavements from trucks. Razouki S. S. and Radeef H. Y. Feb., 33–44
- Review of CIRIA Report 142 on highway pollutants. Patel J. A. *Briefing*. Aug., 137–138
- Setting road maintenance standards by multicriteria analysis. Ortiz-García J. J., Snaith M. S. and Costello S. B. Aug., 157–165
- Stochastic model for strategic assessment of road maintenance. Costello S. B., Snaith M. S., Kerali H. G. R., Tachtsi L. V. and Ortiz-García J. J. Nov., 203–211
- Stress charts for rigid pavements loaded by 16-wheel tandem axles. Razouki S. S. and Al-Muhanna R. R. Nov., 219–231

Safety & hazards

- Development of a vehicle emissions monitoring system. North R. J., Ochieng W. Y., Quddus M. A., Noland R. B. and Polak J. W. Aug., 167–177
- Motorway incident detection using probe vehicles. Li Y. and McDonald M. Feb., 11–15
- Railway risks, safety values and safety costs. Evans A. W. Feb., 3–9
- The safe management of civil airfield pavements. Barling J. M. and Fleming P. May, 97–106

Slabs & plates

- Thermal buckling of pavement slabs. Croll J. G. A. May, 115–126

Statistical analysis

- Remote automatic incident detection using inductive loops. Cherrett T., Waterson B. and McDonald M. Aug., 149–155
- Using graphical models to interpret pavement condition data. Attoh-Okine N. O. and Paris D. Nov., 213–218

Steel structures

- Strengthening two London Underground covered ways. Silva T. M. D. and Church D. G. Aug., 139–147

Strength & testing of materials

- Assessing heat-adhesive emulsions for track coats. Miró-Recasens R., Martínez A. and Pérez Jiménez F. Feb., 45–51
- Laboratory simulation of train loading and tamping on ballast. McDowell G. R., Lim W. L., Collop A. C., Armitage R. and Thom N. H. May, 89–95

Thermal effects

- Thermal buckling of pavement slabs. Croll J. G. A. May, 115–126

Traffic engineering

- Extent of capacity loss resulting from pavement distress. Ben-Edigbe J. and Ferguson N. Feb., 27–32
- Remote automatic incident detection using inductive loops. Cherrett T., Waterson B. and McDonald M. Aug., 149–155
- The Hong Kong second parking demand study. Lau W. W., Poon P. S. T., Tong C. O. and Wong S. C. Feb., 53–59

Transport management

- Extent of capacity loss resulting from pavement distress. Ben-Edigbe J. and Ferguson N. Feb., 27–32
- Interchange 2004. Parker M. J. *Briefing*. Nov., 191–192
- Motorway incident detection using probe vehicles. Li Y. and McDonald M. Feb., 11–15
- Remote automatic incident detection using inductive loops. Cherrett T., Waterson B. and McDonald M. Aug., 149–155
- The Hong Kong second parking demand study. Lau W. W., Poon P. S. T., Tong C. O. and Wong S. C. Feb., 53–59

Transport planning

- The Hong Kong second parking demand study. Lau W. W., Poon P. S. T., Tong C. O. and Wong S. C. Feb., 53–59
- The multi-modal study transport investment plans. Marsden G. May, 75–87
- The rise and fall of Edinburgh's congestion charging plans. Saunders J. P. F. Nov., 193–201

Tunnels & tunnelling

- Strengthening two London Underground covered ways. Silva T. M. D. and Church D. G. Aug., 139–147