**Index of 246 GIN (Geotechnical Instrumentation News) articles edited and published by John Dunnicliff, P.E., Geotechnical Instrumentation Consultant in the Geotechnical News Magazine from 1994 to 2019**

[There is also a ‘column’ by John Dunnicliff at the beginning of each episode, except 28 and 33. The column introduces the article(s) in that episode and includes other topical content]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GIN Episode** | **Date** | **Pages** | **Author(s)** | **Title** |
| 1 | September 1994 | 32-38 | John Dunnicliff | Contract Practices for Geotechnical Instrumentation  Part 1 – Introduction |
| 39-42 | John Dunnicliff | Contract Practices for Geotechnical Instrumentation  Part 2 - Bid Specifications |
| 43-44 | Christopher Groves | Mn/ROAD, Wright County, MN |
| 45-50 | Roy F. Cook, John Dunnicliff, Hanson Bratton | Superconducting Supercollider (SSC), Waxahachie, TX |
| 51-52 | Charles Daugherty | Megabuck Tunnel |
| 53 | John Dunnicliff | Contract Practices for Geotechnical Instrumentation  Part 3 - Professional Service Specifications |
| 54-55 | Gordon E. Green | Mount Baker Ridge Tunnel, Seattle, WA |
| 56-59 | Roy F. Cook, Robert A. Robinson | Superconducting Supercollider (SSC), Waxahachie, TX |
| 60 | J . Nick Shirlaw | Rapid Transit Expansion Program (RTEP), Toronto, Ontario |
| 61-62 | David L. Druss and John  Dunnicliff | Central Artery/Third Harbor Tunnel (CA/T), Boston, MA |
| 63-64 | John Dunnicliff | Contract Practices for Geotechnical Instrumentation  Part 4 - Summary and Recommendations |
| 65-66 | Barrie Sellers | Load Cell Calibrations |
| 67-70 | Gord McKenna, Gord Livingstone, and Ted Lord | Advances in Slope-monitoring Instrumentation at  Syncrude Canada Ltd. |
| 2 | December 1994 | 30-32 | John Dunnicliff | ‘Column’ only, no articles |
| 3 | March 1995 | 36-37 | Arthur D.M. Penman | Deformations Measured by Electro-Levels |
| 38-41 | Eric R. Drooff | Remote Monitoring Electro-levels for the  New St. Clair Rail Tunnel |
| 42-44 | Gord McKenna | Advances in Slope-monitoring Instrumentation at Syncrude Canada Ltd. - a Follow-up |
| 4 | June 1995 | 33-36 | Youssef M.A. Hashash, Birger Schmidt and Lee W. Abramson | BART Tunnel Monitoring During MUNI Tunnel Construction |
| 5 | September 1995 | 42-47 | Athur D.M. Penman | Field Measurements in Geomechanics:  4th International Symposium, Bergamo, Italy (FMGM95)  Some Impressions |
| 48-49 | James Hall | Transient Protection for Automatic  Data Acquisition Systems |
| 50-53 | Chris Rasmussen and Rick Monroe | Electrolytic Sensors:  Problems Identified and Resolved |
| 6 | December 1995 | 36-39 | CM. Tsang and G.L. England | Potential of Fibre Optic Sensing in  Geotechnical Applications |
| 40-43 | Steven R. Kraemer, William A. Davidson | Pore Water Pressure Measurements  on Friction Piles in Clay |
| 44-48 | Jay Stateler, Larry Von Thun, Gregg Scott, and Jim Boernge | Development of Performance Parameters  for Dam Safety Monitoring |
| 7 | March 1996 | 39-43 | John Dunnicliff | Some Instrumentation Problems and Solutions |
| 8 | June 1996 | 34-36 | John Dunnicliff | Surveying Methods |
| 37-40 | Kevin O'Connor | Geotechnical, Environmental, and Infrastructure Applications of Metallic TDR |
| 9 | September 1996 | 29-31 | William F. Kane and Timothy J . Beck | An Alternative Monitoring System For Unstable Slopes |
|  | December 1996 |  |  | No Geotechnical News column |
| 10 | March 1997 | 37-39 | Fritz J . Klingler | Geotechnical Instrumentation Funded as a Professional Service on a Public Agency Contract |
| 11 | June 1997 | 33-40 | Raymond A. Stewart, Bryan D. Watts, John C. Sobkowicz and Angela G. Kupper | Bennett Dam Sinkhole Investigation |
| 43-45 | R.L. Idriss, A D. Kersey and M. Davis | Highway Bridge Monitoring Using Optical Fiber Sensors |
| 12 | September 1997 | 36-46 | John Dunnicliff | Systematic Approach to Planning Monitoring Programs  Using Geotechnical Instrumentation  — An Update |
| 47-50 | Demetrious C. Koutsoftas | Some Experiences and Comments on Contracting Practices for Geotechnical Instrumentation |
| 51-56 | Gary R. Holzhausen | Tiltmeter Temperature Coefficients: Source, Definition and Use to Improve Accuracy |
| 13 | December 1997 |  |  | Discussion on upcoming ASTM Standard Practices/Methods in Field Instrumentation |
|  | Storer J. Boone | Automated Electrolevel Monitoring Systems |
| 14 | March 1998 |  |  | Discussion on upcoming ASTM Standard Practices/Methods in Field Instrumentation |
| 15 | June 1998 |  |  | Discussion on upcoming ASTM St. Pr./Met. |
| 16 | September 1998 | 33-35 | John Dunnicliff | ‘Column’ only, no articles |
| 17 | December 1998 | 27 | John Dunnicliff | Pre-lnstallation Acceptance Tests for Vibrating Wire Piezometers - Concentrate on Checking the Zero Reading |
| 29-33 | Daniel Naterop | Automatic Control and Data Acquisition  for Optical Digital Levels  and Motorized Total Stations |
| 34-42 | C. Lang, T. Barwell and R. Tosen | Overkview of Geotechnical instrumentation  at Che Lap Kok, Kong's New Airport |
| 18 | March 1999 | 33-35 | John Dunnicliff | ‘Column’ only, no articles. Conclusion on ASTM Standard Practices/Methods |
| 19 | June 1999 | 27-32 | Jean-Ghislain La Fonta  Thierry Person | Puerto Rico Real-Time Control of Compensation Grouting with the Cyclops System |
| 33-36 | Paul E. Grayson  William Law | New Instrumentation Technology Offers Reduced Life-Cycle Cost for Maintaining Geotechnical Structures and Other Infrastructure |
| 20 | September 1999 | 32-35 | James Clairmont, Martin Dupuis, Pierre Choquet and Romuald Budin | Lightning Protection and Shielding for Geotechnical Instruments and Data Acquisition Systems |
| 21 | December 1999 | 35-41 | Wing Heung | Fluctuating Readings of  Vibrating Wire Settlement Cells  Discussion by John Dunniciff, Hai-Tien Yu and Rick Monroe |
| 42-45 |  | A Day in the Life of a United Nations  Lecturer in India  Elmo DiBiagio |
| 22 | March 2000 | 23-24 | Barrie Sellers | Temperature Effects on Earth Pressure and Concrete Stress Cells. Some Theoretical Considerations |
| 25-34 | Helmut Bock | Geotechnical Instrumentation of Tunnels  with Particular Reference to European Practices  Part 1: Performance Monitoring for Tunnel Design Verification |
| 35-39 | Pierre Choquet  Marco Quirion  Francois Juneau | Advances in Fabry-Perot Fiber Optic Sensors and Instruments for Geotechnical Monitoring |
| 40 | John McRae | Vibrating Wire Settlement Cells - An Alternative Technique |
| 23 | June 2000 | 25-33 | Helmut Bock | Geotechnical Instrumentation of Tunnels  with Particular Reference to European Practices  Part 2: Instrumentation to Assist with Tunnel Construction Control |
| 34-36 | Jeff N. Schuyler  Francis Gularte | Real-Time Tiltmeter Monitoring  During Compaction Grouting |
| 37-40 | Gordon E. Green | Geotechnical Instrumentation  Practice Problems, and Future Trends |
| 24 | September 2000 | 19-20 | John Dunnicliff  P.Erik Mikkelsen | Overcoming Buoyancy During  Installation of Inclinometer Casing |
| 21-23 | Peter W. Deming  David R. Good | Caliper for Profiling the Width of  Slurry-Supported Excavations |
| 24-28 | Storer J. Boone  Adrian M. Crawford | The Effects of Temperature and  Use of Vibrating Wire Strain Gauges  for Braced Excavations |
| 29-31 | GregJ.Monley  Andrew H.Soderborg | I15 Instrumentation Monitoring Program - LessonsLearned |  | **L e s s o n s L e a r n ed**  G r e g *J. Monley*  *Andrew H. Soderborg* |
| 32 | John F. Paxton | Some Lessons Learned from Designing  and Installing Instrumentation for Dams |
| 25 | December 2000 | 23 | John Dunnicliff  P.Erik Mikkelsen | Overcoming Buoyancy During  Installation of Inclinometer Casing - A Follow-up |
| 24 | David L. Druss | Discussion: "The Effects of Temperature and Use of Vibrating Wire Strain Gauges for Braced Excavations" by Storer J.Boone and Adrian M. Crawford |
| 26-30 | Gordon E. Green | Geotechnical Field Instrumentation-What's New in 2000 |
| 26 | March 2001 | 26-30 | Jeremy Sweetman  Stephane Carayol | Vibrating Wire In-place Inclinometers - A Case History |
| 31-32 | Chris Rasmussen | Electrolevels – A European View |
| 33-34 | John Dunnicliff  Jean-Ghislain LaFonta | In-Place Inclinometers-  A Significant Test Program |
| 35-38 | Bengt H.Fellenius | From Strain Measurements to Load in an Instrumented Pile |
| 39-41 | Storer J. Boone  HosseinBidhendi | Strain Gauges, Struts and Sunshine |
| 27 | June 2001 | 25-28 | Michael Z. Yang  Eric C. Drumm  Richard MBennett  Matthew Mauldon | Temperature Effects on Contact Earth Pressure Cells:  Inferences from Long Term Field Instrumentation |
| 29-31 | John Greenwood  Robert Price | Locating Underground Features By Dowsing |
| 32-33 | Bengt H. Fellenius | Where to Plot Average Loads  From Telltale Measurements in Piles |
| 34-36 | John Dunnicliff | Peter Vaughan's 'AfterDinner' Speech, Imperial College, London, September 1999 |
| 28 | September 2001 | 29-30 | Ralph B. P e c k | Embankment Dams  Instrumentation versus Monitoring |
| 30-35 | John Dunnicliff  Alan Powderham | Recommendations for Procurement of Geotechnical Instrumentation and Field Instrumentation Services |
| 36-38 | Fritz J. Klingler | Discussion of: "Recommendations for  Procurement of Geotechnical Instruments and Field Instrumentation Services", by John Dunnicliff and Alan Powderham |
| 38-39 | Jerry Di Maggio | Geotechnical Engineering. Tricks to More Effective Training |
| 29 | December 2001 | 35-42 | Jason H. Rodwell | Instrumentation Monitoring on  Contract 9A4 of the Big Dig in Boston |
| 43-45 | Delwyn G. Fredlund  Charles W.W. Ng  Harianto Rahatdjo  E.C.Leong | Unsaturated Soil Mechanics: Who Needs it? |
| 30 | March 2002 | 34-35 | Ruth Roberson  John Siekmeier | Instrumentation for Improved Design of Highway Pavements |
| 24-28 | Robert van der Veen | Automatic Data Acquisition Systems and Databases |
| 29-33 | Joel L. Volterra | Overview of Site Conditions and Instrumentation at the  World Trade Center Collapse  A Practical Monitoring Plan for the Emergency Disaster Site |
| 31 | June 2002 | 23-26 | Bengt H. Fellenius | Determining the Resistance Distribution in Piles Part 1. Notes o n Shift of No-Load Residual Reading and Residual Load |
| 27-29 | Brian K. Johnson | An Application for a Single-Sensor in-Place inclinometer |
| 32 | September 2002 | 25-28 | Bengt H. Fellenius | Determining the Resistance Distribution in PilesPart 2. Method for Determining the Residual Load |
| 29 | Elmo DiBiagio | A New Instrumentation Web Site: http://www. fmgm.no |
| 33 | December 2002 | 38-42 | P. Erik Mikkelsen | Cement-Bentonite Grout Backfill for Borehole Instruments |
| 43-49 | Arthur D.M. Penman | Measurement of Pore Water Pressures  in Embankment Dams |
| 34 | March 2003 | 47-50 | Andrew M. Ridley | Recent Developments in the Measurement of Pore Water Pressure and Suction |
| 50-53 | Thomas Thomann  Aaron Goldberg  Richard Napolitano | Are Those Pore Pressure Readings Correct? |
| 53-58 | Daniel Naterop | Some Recently Developed Instrumentation Technologies |
| 35 | June 2003 | 41-51 | Barrie Sellers  John Dunnicliff  P. Erik Mikkelsen  Martin Beth | Discussions of “Measurement of Pore Water Pressures in Embankment Dams”, by Arthur D.M. Penman.  Also Author’s Reply |
| 51-59 | Charles H. Dowding  Matthieu L. Dussud  William F. Kane  Kevin M. O’Connor | Monitoring Deformation of Rock and Soil with TDR Sensor Cables |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 36 | September  2003 | 43 | John Dunnicliff | ‘Column’ only, no articles |
| 37 | December 2003 | 29-30 | Ralph B. Peck | The Power of Observation |
| 30-31 | Youssef Hashash  Camilo Marulanda | Temperature Correction and Strut Loads Interpretation in Central Artery Excavations |
| 32-37 | A. Tyson Kaempffer | Update on Bentonite Chips and Pellets for Sealing Piezometers in Boreholes |
| 38 | March 2004 | 31-34 | Jostein Aasen  Robert D. Holtz | A New Geotextile Strain Gage |
| 39 | June 2004 | 29-31 | W. Allen Marr  Barry Christopher | Test Your Knowledge of Geotechnical Instrumentation |
| 40 | September 2004 | 21-27 | Michael Long  Chris Menkiti  Ben Follett | Some Experiences in Measuring Pore Water Pressure in Dublin Glacial Till |
| 27-28 | John Dunnicliff | Discussion of “Some Experiences in Measuring Pore Water Pressure in Dublin Glacial Till” by Long, Menkiti, Follett |
| 28- 31 | Beto Ortigao  Maria G. Justi | Rio-Watch: the Rio de Janeiro Landslide Alarm System |
| 41 | December 2004 | 33-35 | R.K.S. Chan  W.K. Pun | Landslip Warning System in Hong Kong |
| 35-40 | Robert Farrell  Pedro de Alba  Jean Benoît | Piezometer Design and Installation for Earthquake Pore Water Pressure Measurement |
| 42 | March 2005 | 26-27 | Michael Long  Chris Menkiti  Ben Follett | Authors’ Closure, “Some Experiences in Measuring Pore Water Pressure in Dublin Glacial Till” |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 43 | June 2005 | 30-32 | Barrie Sellers | The Truth About Accuracy |
| 32-35 | John Dunnicliff | Reminiscences of a Director of Instrumentation Courses |
| 35-36 | Gord McKenna | Erroneous Readings from a Vibrating Wire Piezometer With a Broken Signal Wire |
| 37 | Simon Cornwallace  Barrie Sellers | Discussions of “Erroneous Readings from a Vibrating Wire Piezometer With a Broken Signal Wire” by McKenna |
| 44 | September 2005 | 27-31 | Matthew Spriggs  Neil Dixon | The Instrumentation of Landslides Using Acoustic Emission |
| 32 | Gord McKenna | Protecting Instruments from Damage |
| 45 | December 2005 | 44-47 | David R. Rutledge  Steven Z. Meyerholtz | Using the Global Positioning System (GPS) to Monitor the Performance of Dams |
| 48-51 | Claus Ludwig  Etienne Constable | Wireless Tiltmeters Monitor Stability during Trench Excavation for Reno Transportation Rail Access Corridor |
| 51-55 | Lyne Daigle | Temperature Influence on Earth Pressure Cell Readings |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 46 | March  2006 | 32-36 | Ali Asghar Mirghasemi | Karkheh Dam Instrumentation System – Some Experiences |
| 36-40 | Ton Peters | Comparing Surface Settlement Systems for On-Line Monitoring |
| 41-43 | Elmo DiBiago  Kaare Høeg | Where Has All the Judgment Come From? |
| 44-45 | John Dunnicliff | Articles in Geotechnical News. March 2003 – March 2006 |
| 47 | June 2006 | 34-43 | Donald Babbitt  Elmo DiBiagio  Louis Marcil  Erik Mikkelsen  Arthur Penman  Barrie Sellers  John Dunnicliff | Discussions of “Karkheh Dam Instrumentation System – Some Experiences” by Mirghesemi. Also Author’s reply |
| 43-45 | Bengt Fellenius | Piled Foundation Design – Clarification of a Confusion |
| 46-47 | Gord McKenna | Rules of Thumb for Geotechnical Instrumentation Costs |
| 48-50 | Barrie Sellers | Electrical Cables for Geotechnical Instrumentation Applications |
| 48 | September 2006 | 30-33 | Gary Holzhausen  Louis Marcil  Rick Monroe  Arthur Penman  Barrie Sellers  Robert Taylor | Responses to ‘Umbrella’ Questions about Manufacturers and Users Working Together |
| 33-37 | Chris Rasmussen | Experiences Gained from the Installation of Cable-free Sensors for Geotechnical and Structural Monitoring |
| 37-38 | Verne McGuffey | Interpreting Unexpected Instrument Data |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 49 | December  2006 | 35-42 | Helmut Bock | | Discussion of “Karkheh Dam Instrumentation System – Some Experiences” by Mirghesemi. Also Author’s reply |
| 42-45 | David Cook | | Robotic Total Stations and Remote Data Capture: Challenges in Construction |
| 46-49 | Nicole Metje  David Chapman  Chris Rogers  Philip Henderson  Martin Beth | | Smart Rod Tunnel Monitoring System |
| 50 | March  2007 | 30-33 | Villy Kontogianni  Stefi Kornarou  Stathis Stiros | | Monitoring with Electronic Total Stations: Performance and Accuracy of Prismatic and Non-Prismatic Reflectors |
| 33-38 | Martin Beth  Brian Dorwart  Richard Flanagan  Trevor Greening  Douglas Roy and  Neils Jensen  David Rutledge | | Discussions of “Robotic Total Stations and Remote Data Capture: Challenges in Construction” by Cook. Also Author’s Reply |
| 51 | June 2007 | 30 |  | ‘Column’ only, no articles | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 52 | September 2007 | 24, 25 | Gord McKenna | GIN and John. Celebrating 50 Issues of GIN |
| 27-31 | Daniele Inaudi  Branko Glisic | Overview of Fiber Optic Sensing Technologies for Geotechnical Instrumentation and Monitoring |
| 31-35 | Daniele Inaudi  Branko Glisic | Distributed Fiber Optic Sensors: Novel Tools for the Monitoring of Large Structures |
| 53 | December 2007 | 32-36 | J. F. Baker | Choice of a Strain Gauge |
| 36-38 | W. Allen Marr | The Seventh International Symposium on Field Measurements in Geomechanics (FMGM-2007), Wrap-up |
| 39 | Elmo DiBiagio | The FMGM Web Site: www.fmgm.no. An Update |
| 54 | March 2008 | 32,33 | Barrie Sellers  Robert Taylor | MEMS Basics |
| 33-36 | Thomas Sheahan  David Mazzei  John McRae | Performance Testing of MEMS-based Tilt Sensors |
| 36-40 | Tarek Abdoun  Victoria Bennett | A New Wireless MEMS-based System for Real-time Deformation Monitoring |
| 41-44 | Matthew Barendse | Field Evaluation of a MEMS-based Real-time Deformation Monitoring System |
| 55 | June 2008 | 30-37 | Ivan Contreras  Aaron Grosser  Richard Ver Strate | The Use of the Fully-grouted Method for Piezometer Installation. Parts 1 and 2 |
| 38-40 | John Dunnicliff | Discussion of “The Use of the Fully-grouted Method for Piezometer Installation”. Also Authors’ Reply |
| 40-44 | Kevin O’Connor | Geotechnical Alarms Systems Based on TDR Technology |
| 56 | September 2008 | 28-30 | Colin Hope  Marcelo Chaqui | Manual Total Station Monitoring |
| 30-33 | W. Allen Marr | Monitoring Deformations with Automated Total Stations |
| 33-36 | Lars Krangnes | Monitoring Norway’s Largest Potential Rockslide |
| 57 | December 2008 | 23-26 | Peter Bennett | Distributed Optical Fibre Strain Measurements in Civil Engineering |
| 26,27 | Joel Volterra | Monitoring by Manual and/or Automated Optical Survey |
| 28-30 | Erik Mikkelsen  John Dunnicliff | Some Views on a Recent Addition to our Instrumentation Tool Box- the ShapeAccelArray (SAA) |
| 58 | March 2009 | 35-37 | Youssef Hashash  Camilo Quinones-Rozo  David Groholski | Tracking of Excavation Activities by Laser Scanning and Large Image Reasoning-based Techniques |
| 38-40 | Chih-Ping Lin | TDR as a Geo-Nerve: a Slope Monitoring System Example |
| 59 | June 2009 | 33-34 | Daniel S. Webber | In Support of the Fully-grouted Method for Piezometer Installation |
| 34-37 | Nick Osborne  G. H. Tan | Factors Influencing the Performance of Strain Gauge Monitoring Systems |
| 60 | September 2009 | 31-34 | Emily B. Dail  Joel L. Volterra | Instrumentation and Monitoring Trends in New York City and Beyond |
| 35 | John Dunnicliff | Review of “Uncertainty and Ground Conditions – a Risk Management Approach” by Martin van Staveren |
| 61 | December 2009 | 34-36 | W. Allen Marr | Reasons for Monitoring Performance with Geotechnical Instrumentation |
| 62 | March  2010 | 24-26 | Ian Froggatt  Maurice O’Neill  Steven Turner | Remote Monitoring of Loads in Rock Anchors – Process and Benefits |
|  | June 2010 |  |  | No Articles |
| 63 | September  2010 | 20-23 | Craig Johnson | Retrospective Instrumentation of a Concrete Dam |
| 24-27 | Carlos Rodrigues  Daniele Inaudi  Francois Juneau  Éric Pinet | Miniature Fiber-Optic MOMS Piezometer |
| 64 | December  2010 | 25-28 | David Cook | Fundamentals of Instrumentation Geotechnical Database Management – Things to Consider |
| 29-32 | Alexander M. Puzrin  Michael Iten  Dominik Hayswirth | Advanced Geotechnical Applications of Distributed Fiber-Optic Sensing |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 65 | March 2011 | 29-33 | Roberto Acerbis  Harry Asche  Guido Barbieri  Tiziano Collotta | Recommendations for Converting Strain Measured in Concrete to Stress |
| 34 | Roger Chandler | The Web of Dissemination of Monitoring Data |
| 35 | Angus Maxwell | INSITE Web Based Data Management Software |
| 36 | Alex Neuwirt | Multilogger Suite Web-based Data Management |
| 37 | Rob Nyren | iSiteCentral Web-based Data Management Software |
| 38 | Andres Thorarinsson | Web-based Data Management Software |
| 39 | Hai-Tien Yu | ARGUS Web-based Data Management Software |
| 40 | Rob Taylor | GeoViewer™ Web-based Data Management Software |
| 66 | June 2011 | 23-25 | John Dunnicliff | Who Should be Responsible for Monitoring and Instrumentation During Construction? |
| 25-28 | Paolo Mazzanti | Displacement Monitoring by Terrestrial SAR Interferometry for Geotechnical Purposes |
| 29 | Martin Beth | Geoscope Web-based Data Management Software |
| 30 | Daniele Inaudi | SHMLive Web-based Data Management Software |
| 31 | Rick Monroe | Atlas Web-Based Data Management Software for Instrumentation |
| 67 | September 2011 | 20 | Brian Tigani Rolando Rongo | Interchangeability of MEMS Digital Inclinometer Probes |
| 21 | Damien Tamagnan Martin Beth | Monitoring of Surface Deformation with Robotic Total Stations Using Reflectorless Measurements |
| 68 | December 2011 | 24-26 | Ton Peters | Report on the Symposium on Field Measurements in GeoMechanics (FMGM 2011) Berlin, Germany, 12-15 September 2011 |
| 26-29 | Garrett Bayrd | Evaluating Practices for Installation of Vibrating Wire Piezometers |
| 30-33 | Bill Shefchik Reynold Tomes Riccardo Belli | Salt Cavern Monitoring System for Early Warning of Sinkhole Formation |
| 34 | John Dunnicliff | Book Review – Monitoring Underground Construction. A Practical Guide. British British Tunnelling Society. |
| 69 | March 2012 | 23-25 | Mike Devriendt | Trigger levels for displacement monitoring |
| 26 | John Dunnicliff | Remote monitoring of deformation. Introduction |
| 27 | Matthew J. Lato | Remote monitoring of deformation using Terrestrial Laser Scanning (TLS or Terrestrial LiDAR) |
| 28 | Paolo Mazzanti | Remote monitoring of deformation using Terrestrial SAR Interferometry (TInSAR, GBInSAR) |
| 29 | Rob Nyren, Ryan Drefus, Sean Johnson | Remote monitoring of deformation using Robotic Total Stations (RTS) |
| 30 | Damien Tamagnan,  Martin Beth | Remote monitoring of surface deformation with Robotic Total Stations using reflectorless measurements (RRTS) |
| 70 | June 2012 | 20-25 | Ivan A. Contreras,  Aaron T. Grosser,  Richard H. Ver Strate | Update of the fully-grouted method for piezometer installation |
| 26 | Francesca Bozzano,  Alfredo Rocca | Remote monitoring of deformation using Satellite SAR Interferometry |
| 27 | Raul Fuentes Stuart Robson | Remote monitoring of deformation using Digital Photogrammetry |
| 28 | Jason Bond Rob Nyren | Remote monitoring of deformations using Differential Global Positioning System (D-GPS) |
| 29 | John Dunnicliff | Book Review – ICE Manual of Geotechnical Engineering |
| 71 | September 2012 | 20 |  | “Column” only, no articles |
| 72 | December 2012 | 24-29 | Paolo Mazzanti | Remote monitoring of deformation. An overview of the seven methods described in previous GINs |
| 29-32 | M.W. Grabinsky B.D. Thompson W.F. Bawden | Field monitoring for improved mine backfill systems |
| 73 | March 2013 | 24-26 | Marcelo Chuaqui Wing Lam | Field monitoring challenges. Episode 1 Unforeseen piling details and damage to inclinometer casing |
| 74 | June 2013 | 26-27 | Christopher J. Hill Pierre Choquet | USSD presents workshop on state-of-the-art monitoring technologies |
| 28-30 | Marcelo Chuaqui Wing Lam | Field monitoring challenges, Episode 2 Unforeseen movements (depth and magnitude) |
| 30-34 | John Dunnicliff | Some on-line sources of information about geotechnical instrumentation |
| 75 | September 2013 | 27-30 | Margaret M. Darrow | Automated MEMS-based In-place Inclinometers |
| 30-32 | Anonymous | Lessons learned from unexpected events in the field |
| 76 | December 2013 | 29-33 | Jason DeJong,  Aravinthan Thurairajah, Mason Ghafghazi | A reusable instrumented test pile for improved pile design |
| 33-34 | Storer J. Boone | Discussion of: “Field monitoring challenges,  Episode 2 Unforeseen movements (depth and magnitude) |
| 77 | March 2014 | 32-35 | Chris Fagen,  Charlie Daugherty | The Laser-Distometer: A newer, better way to measure tunnel deformations |
| 78 | June 2014 | 23-26 | Derrick Dasenbrock | Performance observations of MEMS ShapeAccelArray (SAA) deformation sensors |
| 27-28 | Robert Bachus | Advances in geotechnical data management and visualization |
| 79 | September 2014 | 22-25 | Glenn Tofani | Resolving unexpected monitoring results – Two case histories |
| 80 | December 2014 | 35-38 | Simon Maddison | The fundamentals of wireless monitoring – Things to consider |
| 38-41 | Glenn Tofani | Widespread misconceptions involving liquid or vapor flow in geotechnical monitoring applications |
| 81 | March 2015 | 28-34 | Francesca Bozzano | Lesson learned from two case histories about the planning of integrated monitoring systems |
| 34-36 | Raymond D’Hollander,  Paul Roth, Shane Blauvelt James O’Loughlin | The use of fully-grouted piezometers in a streambed |
| 82 | June 2015 | 17-21 | Marc Smith | Performance of ShapeAccelArray (SAA) for settlement monitoring of a large rockfill dam |
| 21-22 | Adam Dulmage and  Matt Trenwith | Discussion of “The fundamentals of wireless monitoring – things to consider” by Simon Maddison. Geotechnical News, Vol. 32, Number 4, December 2014 |
| 23 | Simon Maddison | Response/Closure |
| 83 | Sept 2015 | 19-22 | David K. Cook and Thijs Claus | Lessons learned during removal of instrumentation after 13 years of monitoring at a large urban tunneling project |
| 84 | December 2015 | 30-33 | Douglas Roy and Jonathan Stuhl | Qualifications of the robotic total station construction monitoring professional |
| 33-34 | Donald Shields | Giving credit where credit is due |
| 35-37 | John Dunnicliff | General role of instrumentation, and summaries of instruments that can be considered for helping to provide answers to possible geotechnical questions, Part 1 |
| 85 | March 2016 | 25-27 | Bob Turnbull | The fundamentals of vibration monitoring – things to consider |
| 27-31 | Martin Beth & Joel Volterra | Discussions of “Qualifications of the robotic total station construction monitoring professional” |
| 31-32 | Douglas Roy &  Jonathan Stuhl | Authors’ reply |
| 32-34 | John Dunnicliff | General role of instrumentation, and summaries of instruments that can be considered for helping to provide answers to possible geotechnical questions. Part 2 |
| 34-35 | Andrew Ridley | Report on 9th Symposium on Field Measurements in Geomechanics |
| 35-36 | Andrew Ridley | The future of FMGM |
| 86 | June 2016 | 20-22 | Martin Beth | Eight common sense rules for successful monitoring |
| 23-26 | Vincent Le Borgne | Lessons learned in vibration monitoring |
| 27-31 | John Dunnicliff | General role of instrumentation, and summaries of instruments that can be considered for helping to provide answers to possible geotechnical questions. Part 3 |
| 87 | September 2016 | 18-19 | John Dunnicliff | General role of instrumentation, and summaries of instruments that can be considered for helping to provide answers to possible geotechnical questions. Part 4. |
| 88 | December 2016 | 20-22 | John Dunnicliff | Introduction |
| 22-25 | Alister Smith, Neil Dixon, Daniela Codeglia,  Gary Fowmes | An acoustic emission slope displacement rate sensor: Comparisons with established instrumentation |
| 25-29 | Vincent Le Borgne | Monitoring a heritage building restoration project with geotechnical instrumentation |
| 29-30 | John Dunnicliff | General role of instrumentation, and summaries of instruments that can be considered for helping to provide answers to possible geotechnical questions. Part 5. |
| 89 | March 2017 | 35 | John Dunnicliff | Introduction |
| 36-38 | Colin Hope &  Stephen Dawe | Manual reflectorless total station monitoring (MRTS) |
| June 2017 |  |  | No Articles |
| 90 | September 2017 | 20 | John Dunnicliff | Introduction |
| 21-23 | Isabella Ramaccia and David Cook | System Checks/Validations A practical approach for displacement monitoring |
| 23-27 | Zhangwei Ning and Marc Fish | A case study of Global Navigation Satellite System (GNSS) in landslide ground movement monitoring |
| December 2017 |  |  | No articles |
| 91 | March 2018 | 36 | John Dunnicliff | Introduction |
| 37-38 | Francois Duhaime, Vahid Marefat, Robert P. Chapuis, Vincent Le Borgne | Fully grouted piezometers in a soft Champlain clay deposit. Update on the article in the Groundwater section of September 2017 issue of Geotechnical News |
| 38-40 | Garrett Bayrd | Extract/Transform/Load (ETL) processes for instrumentation data transfer |
| 92 | June 2018 | 25 | John Dunnicliff | Introduction |
| 25 | John Dunnicliff | Some remarks on the importance of human factors in geotechnical and structural monitoring programs |
| 27 | David Richardson, Durham Geo Slope Indicator Tony Simmonds, Geokon Inc. Martin Clegg, Geosense Ltd. Rene DeBlois, Roctest Ltd. Bruce Ripley, RST Instruments Ltd Giovanni Caloni & Daniel Naterop, Sisgeo Srt. | Discussions by manufacturers of instruments |
| 29 | John Dunnicliff | Closure |
|  | September 2018 – September 2019 |  |  | No articles |
| 93 | December 2019 | 31 | John Dunnicliff | Some parting remarks |
| 33 | Pierre Choquet | A word from the next editor |
| 34 | Aaron Grosser,  Ivan Contreras,  Joel Swanson | Tribute to John Dunnicliff by Barr Engineering Minneapolis |