

Educational Subcommittee Activity Report

Carol Eve Mann
On behalf of Steve Mullin



The Educational Subcommittee

What We Are...

- An Advisory, Awareness Committee

What We Do...

- Raise Awareness through Workshops, and....

What We're Not...

- In the business of running a school



- SPE Advanced Technical Workshops: (ATW)
 - Hits and Misses:
 - Four since 2012: Inverness, Denver, Istanbul, Galveston
 - US/Canada
 - Middle East
 - Subsurface Errors and Reserves

- SPE Distinguished Lecturer
- Videos
 - Initial based on eBook Topics
 - Subscription through YouTube
- Reach out to other organizations

- Email Signatures

<http://www.iscwsa.net/> (ISCWSA -- Industry Steering Committee for Wellbore Survey Accuracy -- website)

<http://www.uhi.ac.uk/en/research-enterprise/wellbore-positioning-download> (UHI Wellbore Positioning eBook -- an ISCWSA initiative)

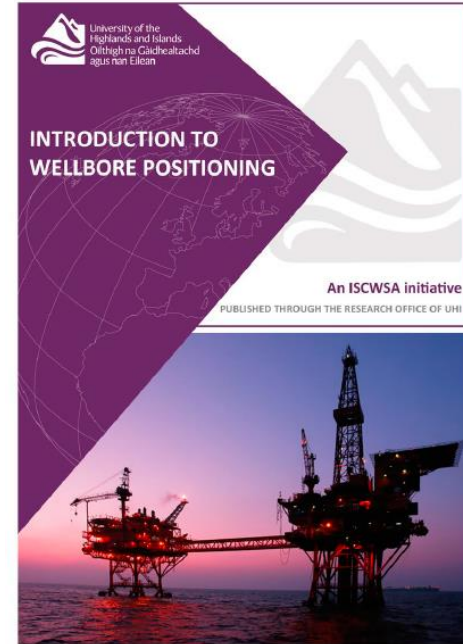
<http://www.uhi.ac.uk/en/research-enterprise/res-themes/energy/surveying-video> (UHI Wellbore Positioning videos)

- Presentation Slides

- Educational Website

E-Book Update

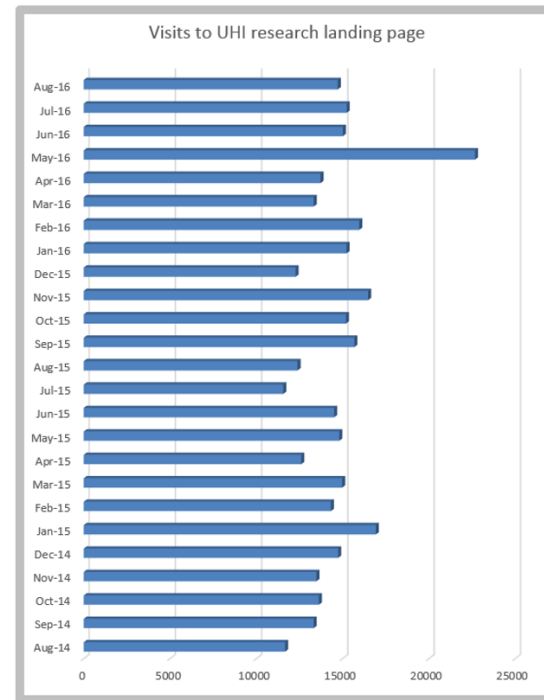
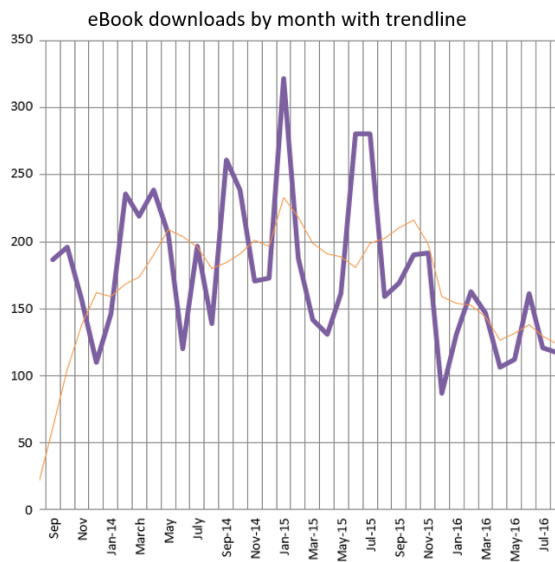
- New chapter on Depth
 - Harald Bolt
- New Mathematics Appendix
- Survey Interval Effects
- Combined Surveys
- New indexing
- Easier Searches
- To come
 - New chapter on data QC
 - New chapter on Error Model verification



How is the ISCWSA e-book doing ?

Activity Report
presented by
Angus Jamieson

| | |
|---|----------------|
| Visits to research landing page, to date | 364,496 |
| Visits to wellbore download page, to date | 18,683 |
| Downloads of eBook, total to date | 8,346 |
| eBook downloads, monthly average | 171.8 |



UHI Certificate in Wellbore Positioning

Activity Report
presented by
Angus Jamieson

- **100 hours of on-line study**
 - 30 hours of video lectures
 - 40 hours of additional study
 - 20 hours of simulation exercises
 - 10 hours of on-line VC tutorials
 - 2 hour on-line examination (10 creds)
- **2 week summer school (Inverness)**
 - Conduct IFR on land
 - Conduct IFR at sea
 - Calibrate an MWD unit
 - Run EMS and Gyro surveys
 - Visit Gyro Cal Site
 - Rig site tour
 - RTOC Relief well simulation
 - Continuous Assessment (10 creds)
- **Mapping & Geodesy**
- **Surface Positioning**
- **North Reference and Magnetics**
- **MWD and IFR**
- **Gyroscopes and Inertial tools**
- **Error Modelling & Uncertainty**
- **Collision Avoidance**
- **Directional Drilling**
- **Data Quality Control**
- **MSA, short collar, sag and stretch**
- **Magnetic Ranging techniques**





44th General Meeting
September 22nd, 2016
Glasgow, Scotland, UK



Wellbore Positioning Technical Section



The Industry Steering Committee on Wellbore
Survey Accuracy (ISCWSA)