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Titolo	Sewers : replacement and new construction // edited by Geoffrey F. Read
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Altri autori (Persone)	ReadGeoffrey F
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Nota di contenuto	Cover; Table of Contents; About the Editor; Preface; 1 - Development of Sewerage Rehabilitation; 1.1 Introduction; 1.2 Sewerage systems; 1.3 General principles of sewerage; 1.4 Public utilities; 1.5 Outline design; 1.6 Development of public health engineering; 1.7 Sewer rehabilitation; 1.8 Strategy; 1.9 Environmental impact of sewer collapses; 1.10 Cost of sewer collapses; 1.11 Funding; Bibliography; 2 - New Construction; 2.1 Rates of flow - foul sewage; 2.2 Rates of flow - surface water sewerage; 2.3 Storm sewage overflows; 2.4 Soakaways; 2.5 Inverted syphons; 2.6 Manholes 2.7 Backdrop manholes 2.8 Access to manholes; 2.9 Pipes; 2.10 Pumping stations and rising mains; 3 - Site Investigation; 3.1 Introduction; 3.2 Preliminary sources survey (the desk study); 3.3 Main ground exploration; 3.4 Construction investigations: records and feedback; 3.5 Geotechnical reports; References; 4 - Site Investigation and Mapping of Buried Assets; 4.1 Desktop study of existing plans; 4.2 Tracing of utilities on site; 4.3 Mapping of findings; 4.4 Site investigation - intrusive methods; 4.5 Conclusion; 5 - Traffic Management and Public Relations; 5.1 Introduction 5.2 The New Road and Street Works Act of 1991 5.3 Consultation; 5.4 Summary of steps in consultation and public relations process; 5.5 Signing and statutory requirements; 5.6 One-way working; 5.7 Give

and take system; 5.8 Priority signs; 5.9 Traffic control by Stop/Go boards; 5.10 Traffic control by portable traffic signals; 5.11 Signing and lane marking; 5.12 Maintenance; 5.13 Reinstatements; Bibliography; 6 - Aspects of Sewer Design; 6.1 Introduction; 6.2 Survey and scoping; 6.3 Preliminary design; 6.4 Hydraulic design; 6.5 Determination of sewer size; 6.6 Structural design 6.7 Future developmentsBibliography; 7 - Open-Cut and Heading Construction; 7.1 Open-cut construction; 7.2 Pipe laying; 7.3 Sewers near existing structures; 7.4 Backfilling and reinstatement; 7.5 Heading construction; References; 8 - Tunnel Construction; 8.1 Introduction; 8.2 Geological/topographical aspects; 8.3 Linings; 8.4 Soft ground tunnelling; 8.5 Ground treatment; 8.6 Mechanism of the tunnelling process; 8.7 Surveying/alignment; 8.8 Temporary works; 8.9 Future; 9 - On-line Sewer Replacement in Tunnel; 9.1 Introduction; 9.2 Procedure - open-cut; 9.3 Heading; 9.4 Segmental tunnelling 9.5 Pre-cast concrete tunnel linings9.6 Sewer replacement tunnels; 9.7 Access shafts; 9.8 City centre access problems; 9.9 Tunnel construction; 9.10 Dealing with existing flow; Bibliography; 10 - Pipejacking; 10.1 Introduction; 10.2 Technical aspects of pipejacking; 10.3 Pipe design and manufacture; 10.4 Surveying and alignment; 10.5 Temporary works; 10.6 The finished product; 11 - Management of Construction; 11.1 Introduction; 11.2 Types of contract; 11.3 CDM Regulations; 11.4 Contract management plan; 11.5 Site organisation; 11.6 Training; 11.7 Site support; 11.8 Audits; 11.9 Conclusion 12 - Impact Moling

Sommario/riassunto

Sewers: Replacement and New Construction is a detailed guide to the management and construction of new sewer systems. Different construction and replacement techniques, such as jacking, moling and ramming, are described and evaluated. The importance of proper site preparation and management is emphasised, and detailed guidance is given to pre-construction investigation as well as to managing traffic and public relations during the construction period. Geoffrey Read, one of the UK's leading experts on sewer construction, has compiled the most detailed account available on this sub

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| 2. Record Nr. | UNIORUON00189334 |
| Autore | PEINE, Franz Joseph |
| Titolo | Allgemeines verwaltungrecht / Franz Joseph Peine |
| Pubbl/distr/stampa | Heidelberg, : Muller Jur. Verlag, 1994. XXVI, 291 p. ; 24 cm |
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| Titolo | Der Arbeitskräftebedarf in Deutschland 2006 bis 2011 : Nachfrage, Rekrutierungsprozesse und Engpässe aus Sicht der Betriebe // Institut für Arbeitsmarkt- und Berufsforschung (IAB) der Bundesagentur für Arbeit, Alexander Kubis, Ute Leber, Anne Müller, Jens Stegmaier |
| Pubbl/distr/stampa | Bielefeld, : wbv Publikation, 2013 |
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| Soggetti | Fachkräftemangel
Personal
Arbeitsmarkt
Arbeitskräfte
Arbeitskräftebedarf
Wirtschaftszweige
IAB-Betriebspanel
regionale Disparität
Fachkräfte
Arbeitskräftenachfrage
Dienstleistungsbereich
offene Stellen
Personalbeschaffung
Laufzeit
Beschäftigung
Bundesländer |

Berufsgruppe
Rekrutierung
Fachkräftebedarf
IAB-Erhebung des gesamtwirtschaftlichen Stellenangebots
labour market
Arbeitsmärkte

Lingua di pubblicazione	Tedesco
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Nota di contenuto	Vorwort 1 Betrieblicher Arbeitskräftebedarf - das Wichtigste in Kürze 1.1 Aufgaben und Ziele 1.2 Verwendete Datenquellen 1.3 Zentrale Ergebnisse 2 Arbeitskräftenachfrage - wen braucht die Wirtschaft? 2.1 Überblick 2.3 Entwicklung der Regionen 2.4 Entwicklung der Branchen 2.5 Entwicklung nach Betriebsgrößen 2.6 Entwicklung nach Berufen 2.7 Zentrale Ergebnisse des zweiten Kapitels 3 Anzeichen für Arbeitsmarktengpässe 3.1 Überblick 3.2 Gesamtwirtschaftliche Situation 3.3 Engpasssituation in den Regionen 3.4 Engpassanalyse nach Wirtschaftszweigen 3.5 Engpassanalyse nach Berufen 3.6 Kompromisse und erfolglose Rekrutierungsprozesse 3.7 Zentrale Ergebnisse des dritten Kapitels 4 Literatur 5 Anhang Kurzfassung
Sommario/riassunto	Das Thema Fachkräftebedarf wird in Wissenschaft und Öffentlichkeit intensiv und kontrovers diskutiert. Der Bericht analysiert die Arbeitskräftenachfrage der Betriebe und versucht, aktuelle Engpässe auf dem Arbeitsmarkt zu identifizieren. Zunächst wird die Entwicklung der Betriebs- und Beschäftigungsstruktur sowie der offenen Stellen differenziert für verschiedene Teilarbeitsmärkte dargestellt. Weiterhin werden verschiedene Indikatoren diskutiert, die Hinweise auf Arbeitskräfteengpässe geben können. Insgesamt zeigen die Ergebnisse, dass in Deutschland derzeit kein allgemeiner, flächendeckender Fachkräftemangel besteht. Dennoch sind bestimmte Berufe, Regionen und Branchen zu erkennen, in denen die Engpässe zugenommen haben. Dies gilt etwa für Berufe aus dem Gesundheits- und Sozial-, aber auch dem Elektrobereich. Auf regionaler Ebene treten Fachkräfteengpässe am ehesten in den süddeutschen Bundesländern auf, im Branchenvergleich scheinen Engpässe vornehmlich in einzelnen Dienstleistungsbereichen zu bestehen. The topic of skilled labour requirements is discussed intensively and controversially in sciences and in public. The publication analyses the labour force requirements of companies and attempts to identify current shortage trends on the labour market. Initially, the development of company and employment structures as well as of vacancies is presented in relation to various partial employment markets. Furthermore, the different indicators providing clues for labour force shortages are discussed. Overall, the results show that currently there is no general, extensive shortage of skilled labour in Germany. However, there are trends visible in certain professions, areas and sectors where the shortages have increased. This applies, for example, to professions in the health care system, the social care system and the electrical sector. As for local divergences, the skilled labour shortages are most likely in the Southern German states, whilst the comparison of sectors suggests that above all the

individual service providing sectors seem to experience shortages.
