Record Nr. UNINA9910813416503321 Viggers James Autore Titolo Melbourne's water catchments: perspectives on a world-class water supply / / James Viggers, Haylee Weaver, David Lindenmayer Pubbl/distr/stampa Collingwood, Victoria:,: CSIRO Publishing,, [2013] ©2013 **ISBN** 1-4863-0008-1 1-4863-0007-3 Descrizione fisica 1 online resource (144 p.) Altri autori (Persone) WeaverHaylee LindenmayerDavid 333.91 Disciplina 333.916215 Soggetti Water-supply - Australia Water resources development - Australia Melbourne (Vic.) Water-supply Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Cover: Melbourne's Water Catchments; Dedication; Contents; Preface; Nota di contenuto Acknowledgements: Glossary: Conversion table: Part 1 Early history: pre-1900 to 1960; Chapter 1: Pre-1900; Introduction; Water for a new settlement; Blackburn's water supply ideas; The Yan Yean scheme; Closure of the Yan Yean water catchment; Challenges to maintaining adequate water supply; Construction of new water supplies to Yan Yean Reservoir; Diversion of the Watts River and construction of the Maroondah Agueduct: Continued growth of Melbourne: Links between water quality, human activity and disease The Royal Commission into the Sanitary Condition of MelbourneConclusion; Chapter 2: 1901 to 1939; Introduction; 'Enemies of water supply': drought and rapid population growth; The Acheron option; New water supplies: the O'Shannassy River and augmentation of the Maroondah system; New water supplies: the O'Shannassy River;

1920s: further expansion of water infrastructure; Maroondah Reservoir; O'Shannassy Reservoir; Silvan Reservoir; Ritchie's ideas for Melbourne's water and securing of supply options; Commencement of the Upper

Yarra scheme; Bushfires: 1939 Black Friday fires; Conclusion Chapter 3: 1940 to 1960Introduction; Aftermath of the 1939 bushfires; Fire management and fire towers; Integrity of the water supply: protection from disease; Expansion of the Upper Yarra scheme: the reservoir; Upper Yarra Reservoir: revisions to capacity and rate of construction; Conclusion; Part 2 1961 TO 2012: A WATER MAN'S PERSPECTIVE; Chapter 4: 1961 to 1984; Introduction; 1962: 'The future water supply' report; Analysis of Ronalds' proposals for water supply; Final recommendations of the Parliamentary Public Works Committee inquiry; The 1967-68 drought

Additional infrastructure and water supply optionsWater restrictions; New water supply infrastructure for Melbourne; Greenvale Reservoir: western Melbourne; Cardinia Reservoir: south-eastern Melbourne; Commencement of the Thomson River scheme: Stage 1: tunnelling to Upper Yarra Reservoir; Stage 2: extension of the tunnel; Stage 3: final extension of the tunnel and construction of the Thomson dam wall: Fluoridation of Melbourne's water: Sugarloaf Reservoir and Winneke Treatment Plant: construction and controversy; Environmental impact study; The construction of Sugarloaf Reservoir Additional options to secure Melbourne's water supplyWatsons Creek and the Aberfeldy River; 'Planning for an uncertain future' report (1981); Bushfires in the catchments: the Ash Wednesday fires of February 1983; Conclusion; Chapter 5: 1985 to 2012; Introduction; Water supply strategies: 1986 and 1991; Managing demand; Options for new infrastructure and water supply; Cloud seeding trials in the Thomson Catchment: Climate change: The water catchment forests: Research on forest dynamics and water yield and quality: Fire and water yield; Logging and water yield; The end of the MMBW Catchment areas as national parks

Sommario/riassunto

Charts the unique history of the Melbourne water catchments and water supply.